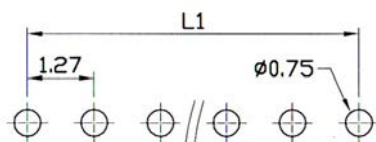


## 1.27MM x 2.54MM FEMALE HEADER STRAIGHT TYPE PROFILE=4.60MM



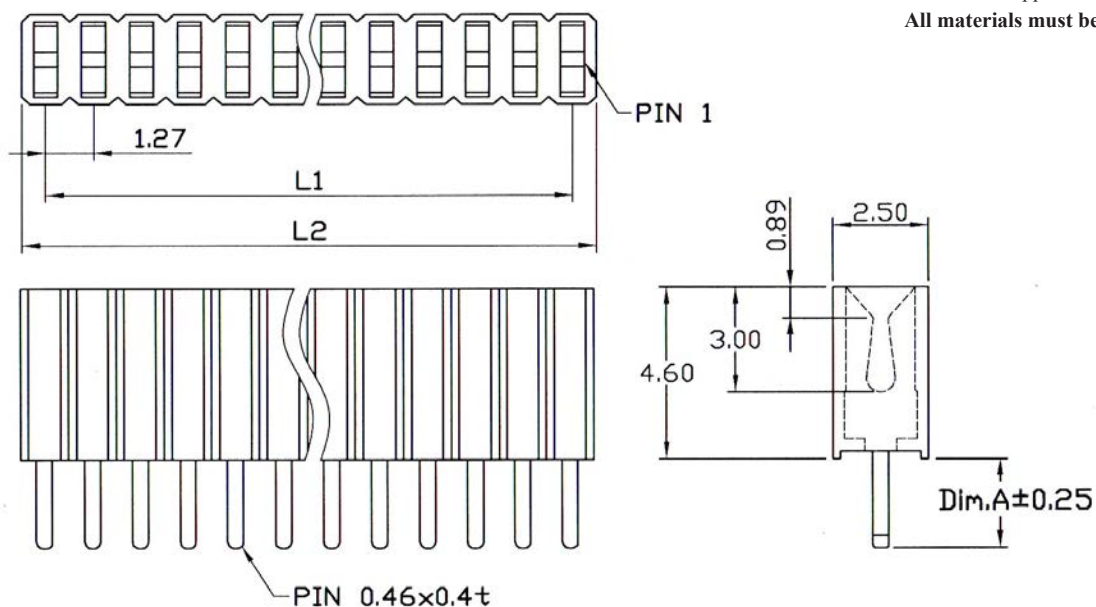
Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 300V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester LCP, UL94V-0  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



### DIMENSIONS:

L1 = 1.27 x (No. of Contacts/Row - 1)  
 L2 = 1.27 x No. of Contacts/Row + 0.4

### ORDERING INFORMATION:

P/N 1 2 7  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{G}{3}$  B

1. PIN LENGTH & NO. OF ROW:  
 "FA" A= 3.00mm SINGLE ROW  
 "FT" A= 1.70mm SINGLE ROW  
 "FZ" A= 2.40mm SINGLE ROW
2. NO. OF CONTACTS:  
 003 ~ 050 FOR SINGLE ROW
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED

# 1.27MM\*2.54MM FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=4.6MM

## SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

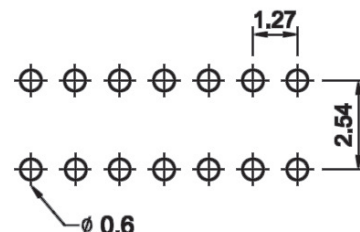
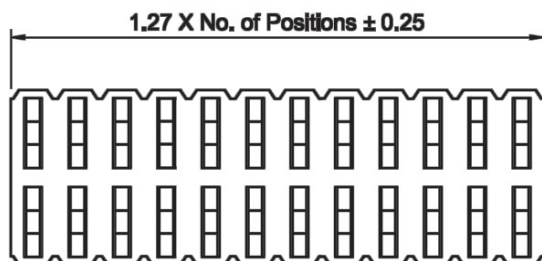
## MATERIALS

Contact Material: Brass

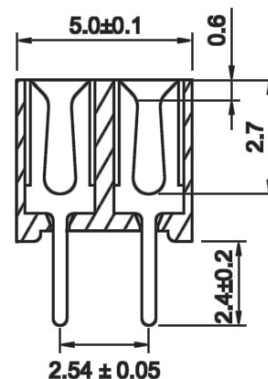
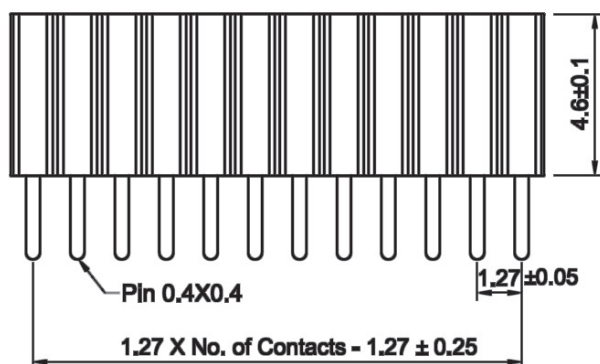
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



## ORDERING INFORMATION:

P/N 1 2 7  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

### 1. DIP LENGTH OPTION:

"AB" DIP= 2.4MM (STANDARD)

"FB" DIP= 3.0MM

"AA" DIP= 1.7MM

### 2. NO. OF CONTACTS:

004~050

### 3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

# 1.27MM\*2.54MM FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=8.5MM

## SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

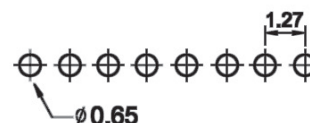
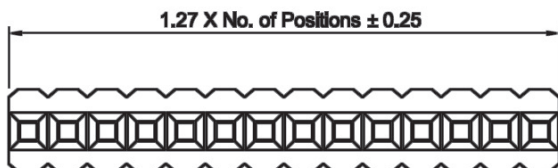
## MATERIALS

Contact Material: Brass

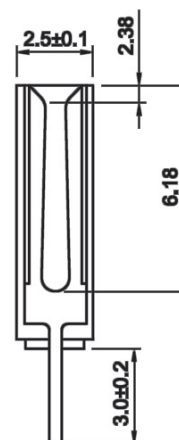
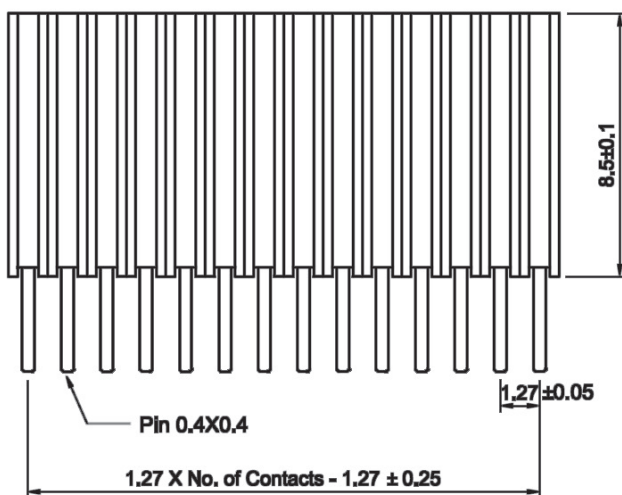
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
LCP

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



## ORDERING INFORMATION:

P/N 1 2 7  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

1. CONTACT TYPE OPTION:  
"AJ" DIP = 3.0MM (STANDARD)  
"FG" DIP = 2.7MM
2. NO. OF CONTACTS:  
002~035
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM\*2.54MM FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=8.5MM

## SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

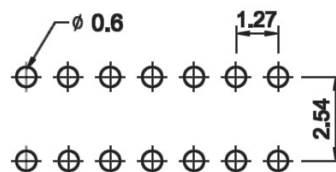
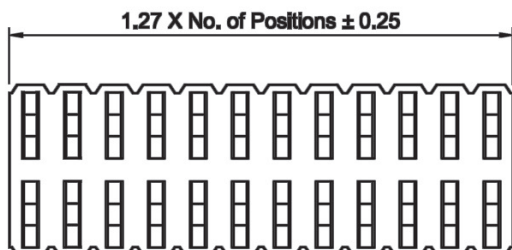
## MATERIALS

Contact Material: Brass

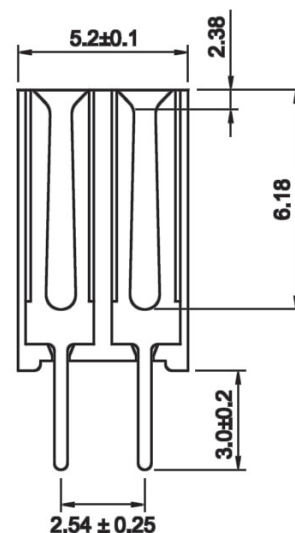
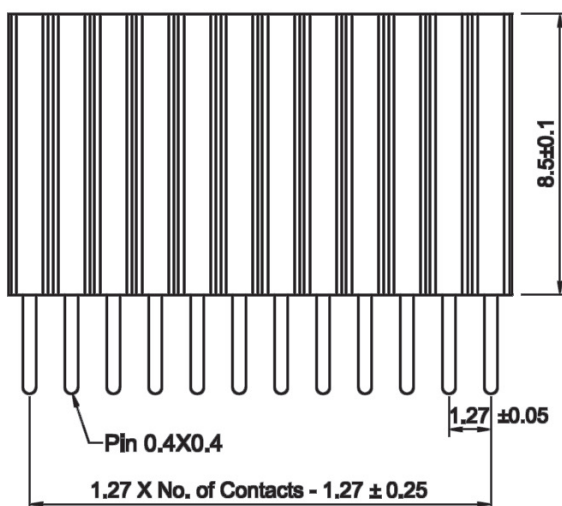
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
LCP

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



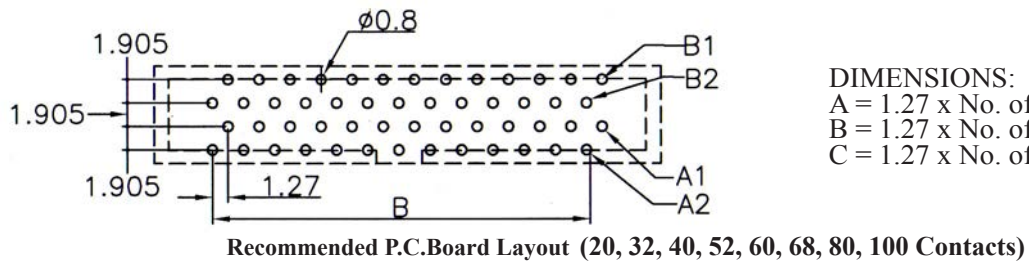
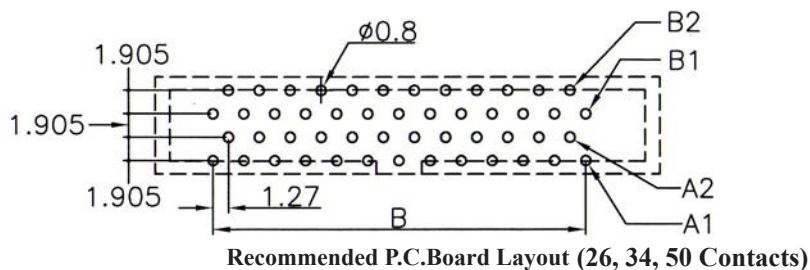
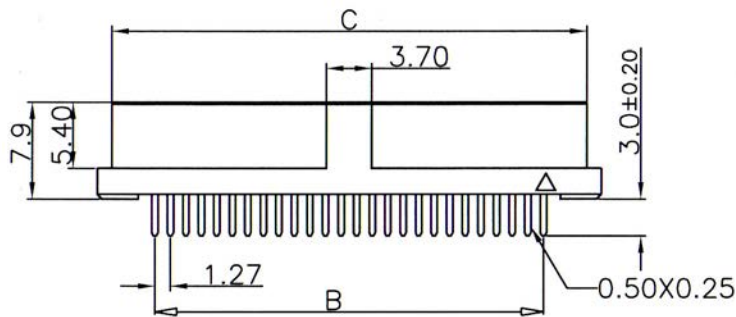
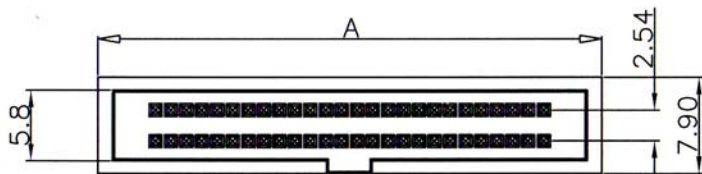
## ORDERING INFORMATION:

P/N 1 2 7  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B

1. CONTACT TYPE OPTION:  
"AH" DIP = 3.0MM (STANDARD)  
"FH" DIP = 2.7MM
2. NO. OF CONTACTS:  
004~070
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED



# 1.27MM x 2.54MM FEMALE HEADER 2 TO 4 ROW STRAIGHT TYPE

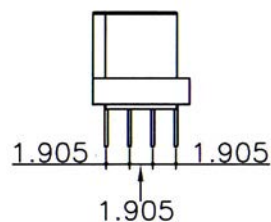


## SPECIFICATIONS

- Current Rating: 0.5 Amp
- Dielectric Withstand: 300V AC
- Insulator Resistance: 5000 MΩ min.
- Contact Resistance: 15mΩ Max.
- Operating Temperature: -55°C to + 105°C

## MATERIALS

- Insulator: Glass, UL94V-0 P.B.T
- Contacts: Phosphor Bronze
- All materials must be RoHS compliant.



- DIMENSIONS:
- A = 1.27 x No. of Contacts/2 + 8.25
  - B = 1.27 x No. of Contacts/2 - 1.27
  - C = 1.27 x No. of Contacts/2 + 5.85

## ORDERING INFORMATION:

P/N 1 2 7 S T -  $\frac{x \ x \ x}{1 \ 2}$  S B

- NO. OF CONTACTS:  
020 ~ 100
- CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED (STANDARD)

# 1.27MM\*2.54MM FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=5.75MM

## SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

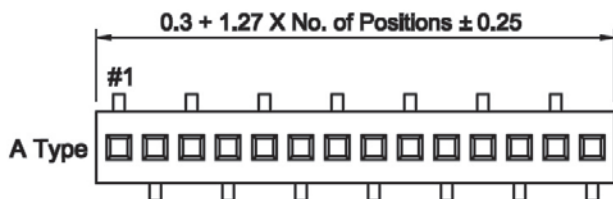
## MATERIALS

Contact Material: Phosphor Bronze

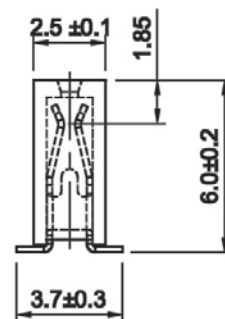
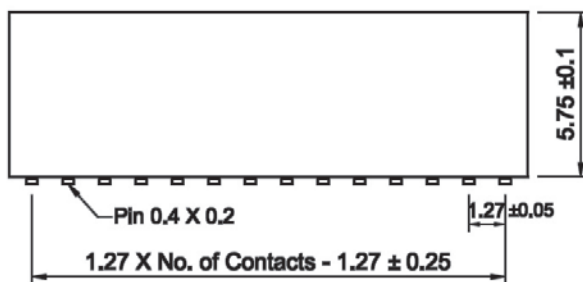
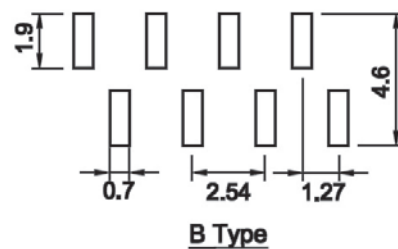
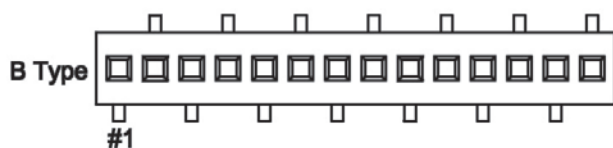
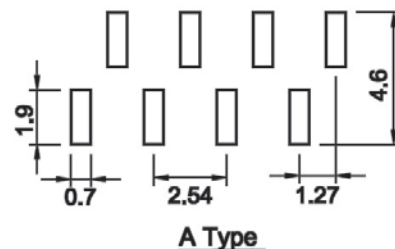
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



## Recommended P.C.Board Layout



## ORDERING INFORMATION:

P/N 1 2 7  $\frac{X X}{1} - \frac{X X X X}{2} \frac{X}{3} B - \frac{X}{4}$

### 1. PCB LAYOUT TYPE:

"HX" A TYPE

"HY" B TYPE

### 2. NO. OF CONTACTS:

002~050

### 3. CONTACT FINISH:

"G" FULL GOLD PLATED (STANDARD)

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

### 4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

"G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

# 1.27MM\*2.54MM FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=5.75MM

## SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

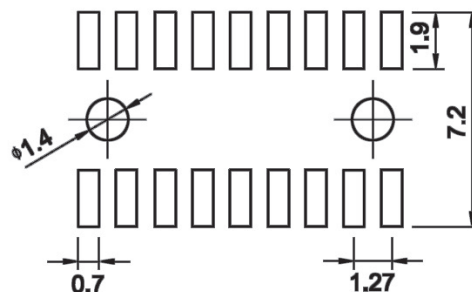
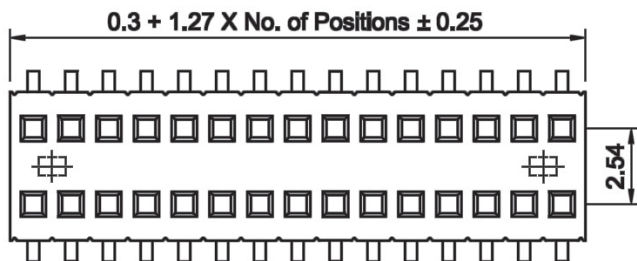
## MATERIALS

Contact Material: Phosphor Bronze

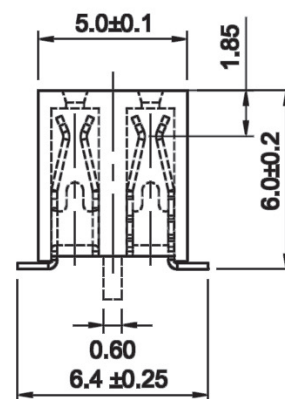
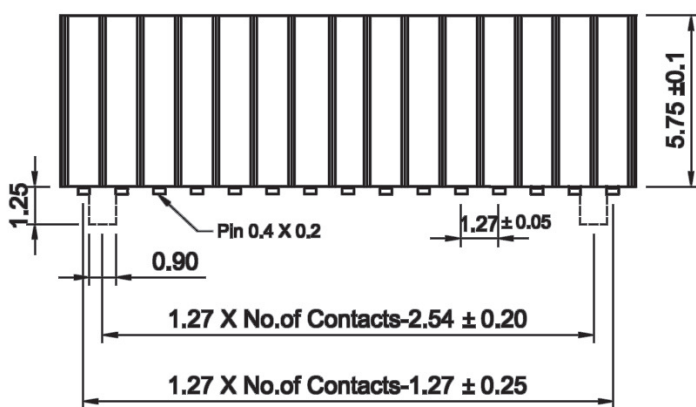
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



## ORDERING INFORMATION:

P/N 1 2 7  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

### 1. PCB LAYOUT TYPE:

"FF" W/O LOCATING PEGS  
"FE" WITH LOCATING PEGS

### 2. NO. OF CONTACTS:

004~100

### 3. CONTACT FINISH:

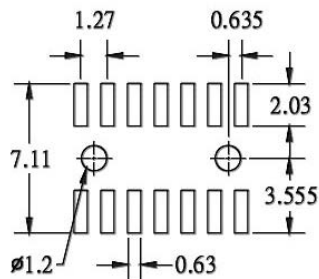
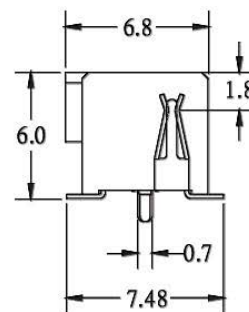
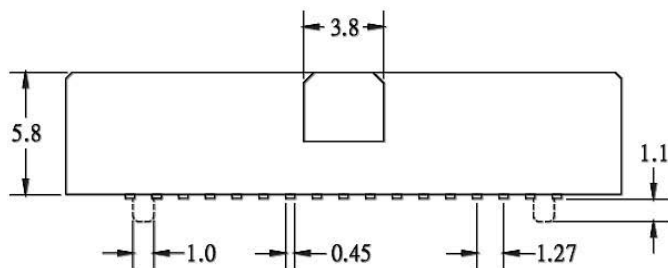
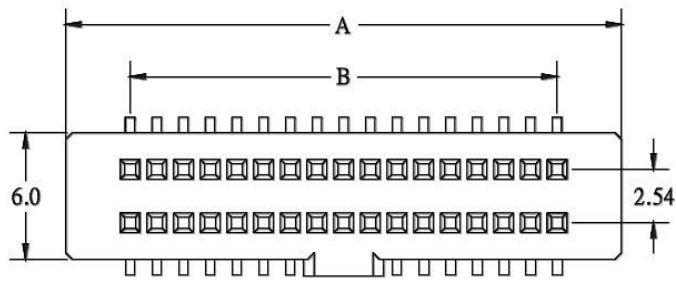
"G" FULL GOLD PLATED (STANDARD)  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

### 4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL  
"F" WITH FILM IN TUBE  
"G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

# 1.27MM x 2.54MM FEMALE HEADER WITH POLARIZATION BUMP SMT TYPE PROFILE=5.8MM



Recommended P.C.Board Layout

## SPECIFICATIONS

- Current Rating: 1 Amp
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 1000 MΩ Min.
- Dielectric Withstand: 250V AC For 1 Min.
- Operating Temperature: -40°C to +105°C

## MATERIALS

- Insulator: LCP, Glass Reinforced, UL94V-0
- Contacts: Phosphor Bronze
- All materials must be RoHS compliant.

## ORDERING INFORMATION:

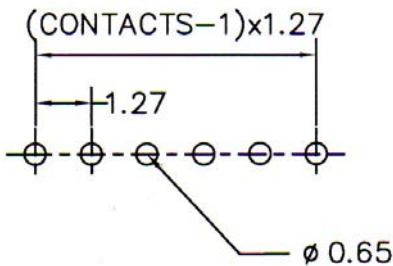
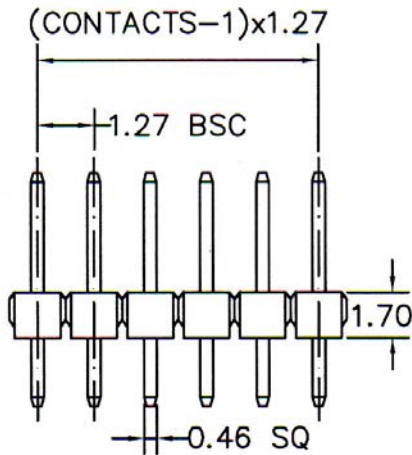
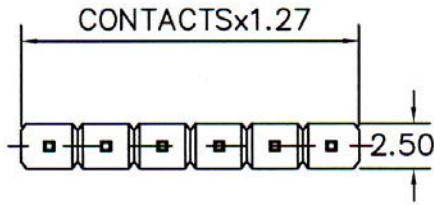
P/N 1 2  $\frac{xxx}{1}$  -  $\frac{xxx}{2}$  S B -  $\frac{x}{4}$

1. LOCATING PEG OPTION:  
"G33" WITHOUT LOCATING PEGS  
"G34" WITH LOCATING PEGS
2. NO. OF CONTACTS:  
010 ~ 100
3. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

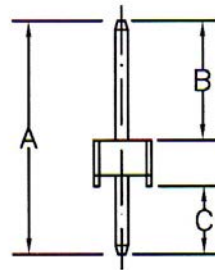
NOTE: PAD = PICK & PLACE PAD



# 1.27MM 0.46MMSQ PIN HEADER STRAIGHT TYPE PROFILE=1.70MM



Recommended P.C.Board Layout



## SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 5000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to + 105°C

## MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
Nylon-6T

**Contacts:** Copper Alloy

All materials must be RoHS compliant.

H=1.70	B	C
PA	2.80	2.60
PB	6.00	3.00
MF	2.60	3.00
MG	8.50	3.00
MH	6.00	2.60
MJ	4.00	2.30
MK	10.00	3.00
ML	12.30	3.00
MM	13.60	3.00
MN	15.40	3.00

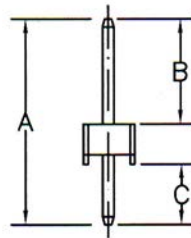
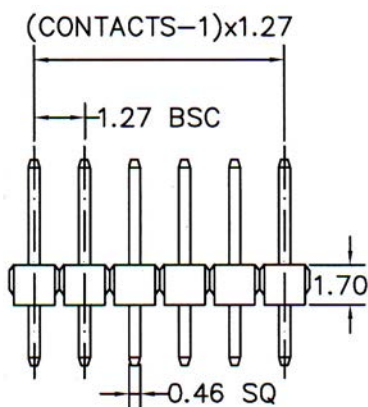
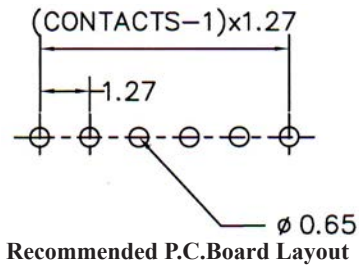
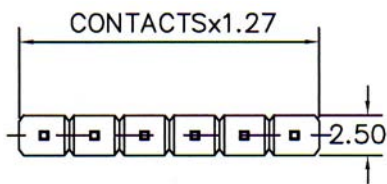
## ORDERING INFORMATION:

P/N 1 2 7  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

1. PROFILE & PIN LENGTH:  
PA, PB, MF, MG, MH, MJ, MK, ML, MM, MN
2. NO. OF CONTACTS:  
002 ~ 050
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=1.70MM



## SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -45°C to + 105°C

## MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**

## ORDERING INFORMATION:

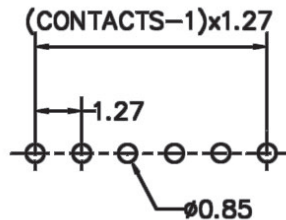
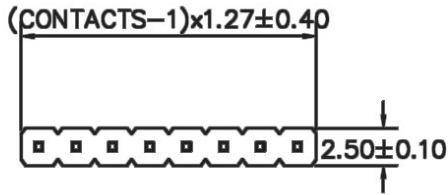
**CODE: 1 3 9 1 S 1 - A/B/C - x x x x B**  
 1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

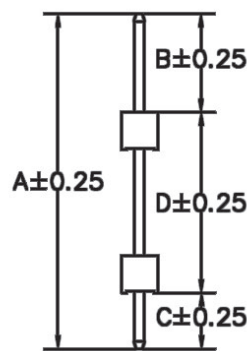
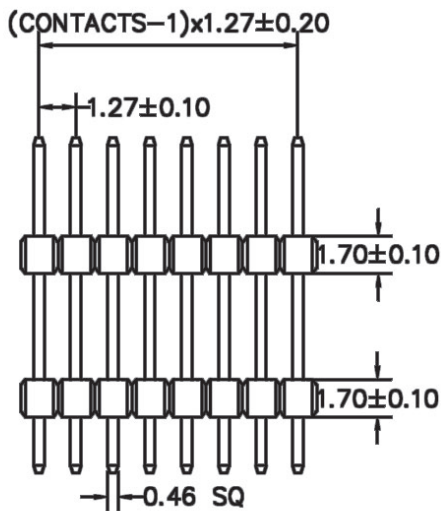
**P/N P x x x x x x x - x x x x B**  
 YY MM DD 3 4

1. EXTERIOR CODE:  
1S1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 050
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=1.70MM



Recommended P.C.Board Layout



## SPECIFICATIONS

- Current Rating: 1 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Dielectric Strength: 1000V AC/Min.
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Insulator: NY6T UL94V-0, Black
- Contact: Copper Alloy
- All materials must be RoHS compliant.

SINGLE ROW	DIMENSIONS(MM)			
	A	B	C	D
N44	11.00	2.80	2.00	6.20
N45	11.50	2.80	2.60	6.10
N46	14.70	6.00	2.60	6.10
N47	14.10	4.50	3.50	6.10

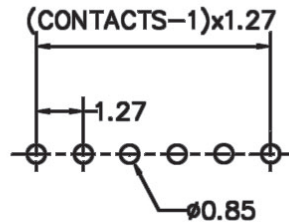
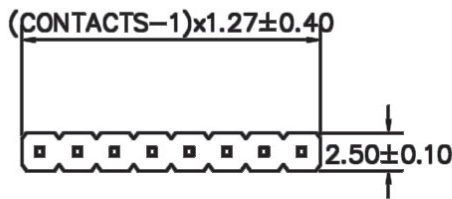
## ORDERING INFORMATION:

P/N 1 2 xxx - xxx x B  
          1          2          3

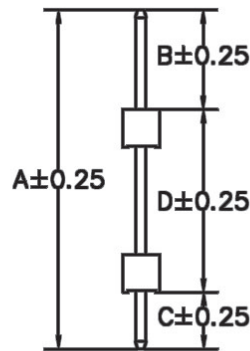
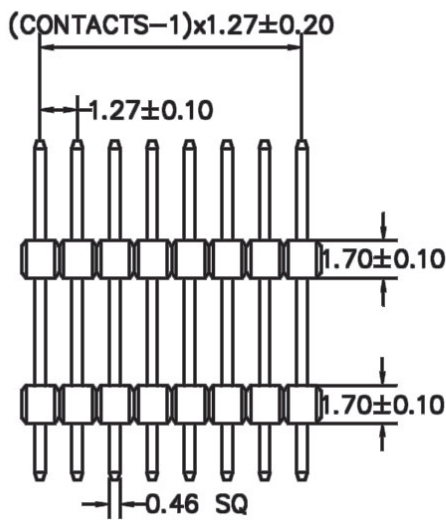
- PIN LENGTH:  
N44, N45, N46, N47
- NO. OF CONTACTS:  
002 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

**1.27MM 0.46MMSQ PIN HEADER SINGLE ROW STRAIGHT DIP TYPE  
PROFILE=1.70MM**



Recommended P.C.Board Layout



**SPECIFICATIONS**

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

**ORDERING INFORMATION:**

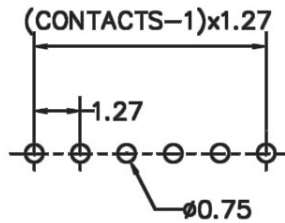
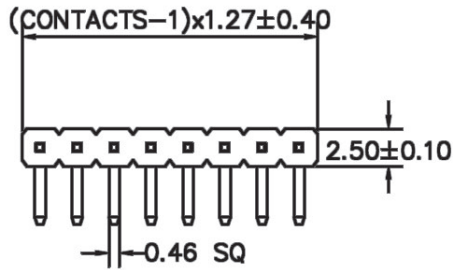
**CODE: 1 3 9 1 S 8 - A/B/C/D - x x x x B**  
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

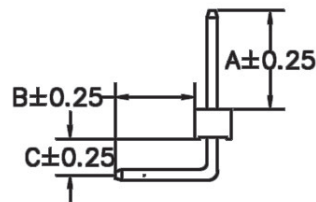
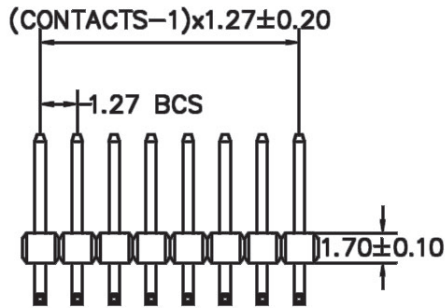
**P/N P x x x x x x x - x x x x B**  
YY MM DD 3 4

1. EXTERIOR CODE:  
1S8
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 050
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=1.70MM



Recommended P.C.Board Layout



## SPECIFICATIONS

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Dielectric Strength: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

P/N	DIMENSIONS(MM)		
	A	B	C
RC	2.80	2.60	2.30
RD	4.00	2.60	2.30
RE	6.00	2.60	1.30
LD	6.00	3.00	1.30

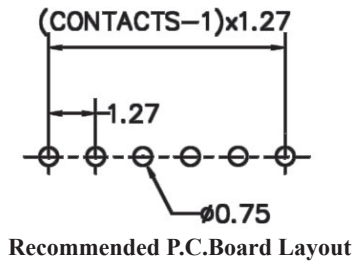
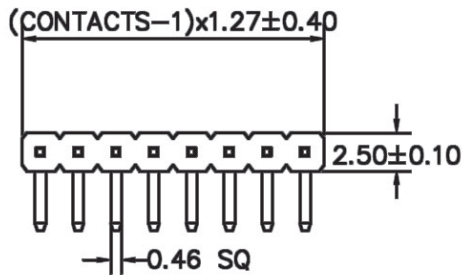
## ORDERING INFORMATION:

P/N 1 2 7  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

- PIN LENGTH:  
RC, RD, RE, LD
- NO. OF CONTACTS:  
002 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

**1.27MM 0.46MMSQ PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=1.70MM**

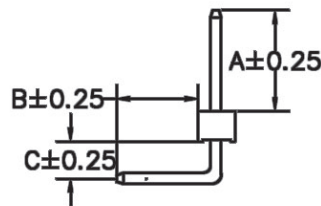
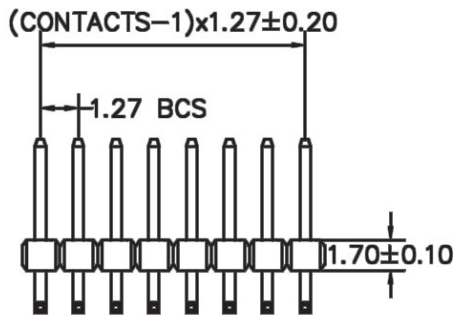


**SPECIFICATIONS**

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.



**ORDERING INFORMATION:**

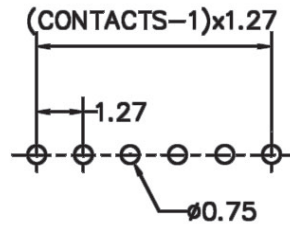
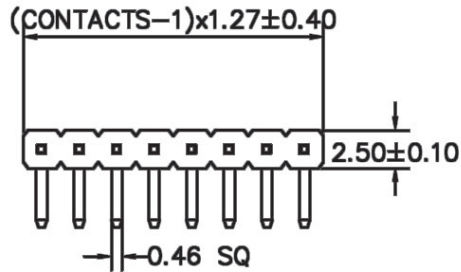
**CODE: 1 3 9 1 D 1 - A/B/C - xxxx B**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

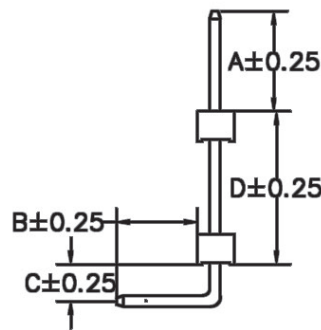
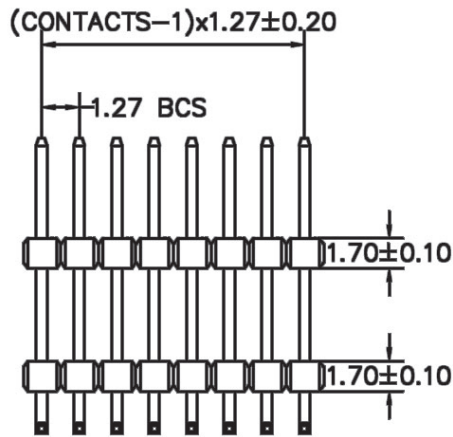
**P/N P xxxxxx - xxxx B**

1. EXTERIOR CODE:  
"1D1"
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 050
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=1.70MM



Recommended P.C.Board Layout



## SPECIFICATIONS

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Dielectric Strength: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

P/N	DIMENSIONS(MM)			
	A	B	C	D
N38	2.8	2.6	1.5	8.0
N39	4.0	2.6	1.5	8.0
N40	6.0	2.6	1.5	8.0

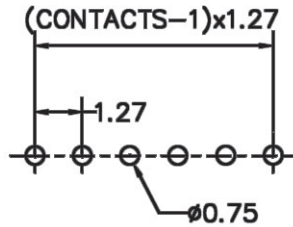
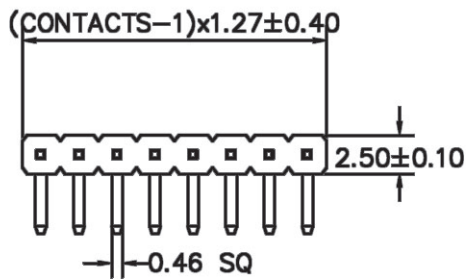
## ORDERING INFORMATION:

P/N 1 2 XXX - XXX X B  
 1 2 3

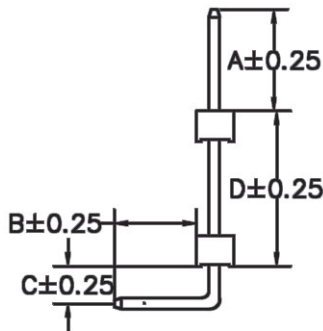
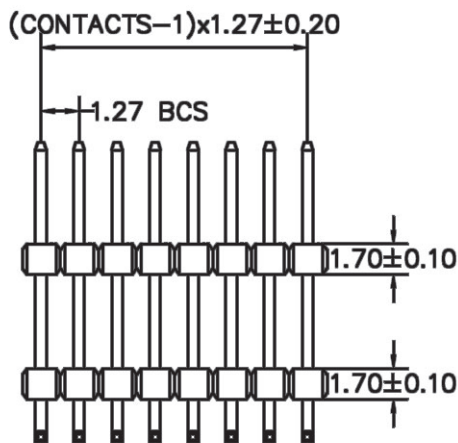
- PIN LENGTH:  
N38, N39, N40
- NO. OF CONTACTS:  
002 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

**1.27MM 0.46MMSQ PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=1.70MM**



Recommended P.C.Board Layout



**SPECIFICATIONS**

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

**ORDERING INFORMATION:**

**CODE: 1 3 9 1 D 4 - A/B/C/D - x x x x B**  
 1 2 3 4

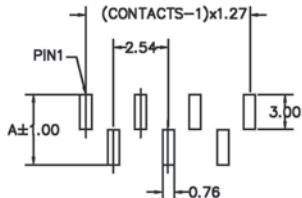
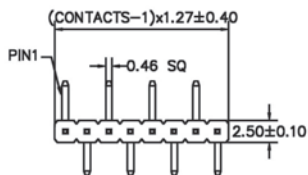
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**  
 YY MM DD 3 4

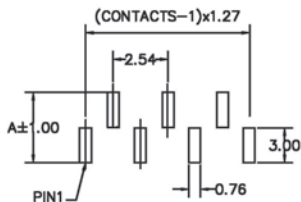
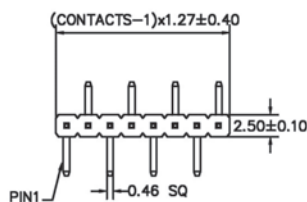
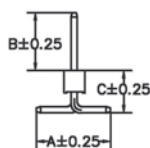
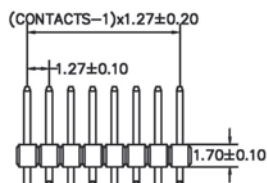
1. EXTERIOR CODE:  
1D4
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 050
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED



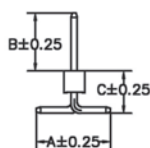
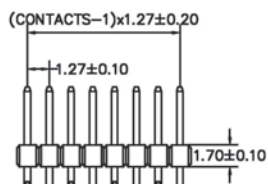
# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.70MM



Recommended P.C.Board Layout  
Type A



Recommended P.C.Board Layout  
Type B



## SPECIFICATIONS

- Current Rating: 1 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Dielectric Strength: 1000V AC/Min.
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Insulator: NY6T UL94V-0, Black
- Contact: Copper Alloy
- All materials must be RoHS compliant.

TYPE A	TYPE B	DIMENSIONS(MM)		
		A	B	C
WV	YV	5.08	2.80	3.00
WW	YW	5.08	4.00	3.00
WY	YY	5.08	6.00	3.00
WP	YP	5.00	2.80	2.20
WQ	YQ	5.00	6.00	2.20

## ORDERING INFORMATION:

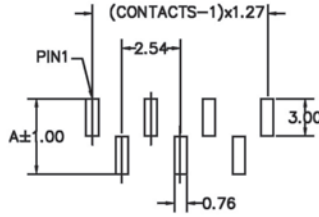
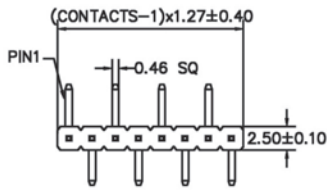
P/N 1 2 7  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$  B -  $\frac{X}{4}$

- PIN LENGTH:  
WV, WW, WY, YV, YW, YY, WP, YP, WQ, YQ
- NO. OF CONTACTS:  
002 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

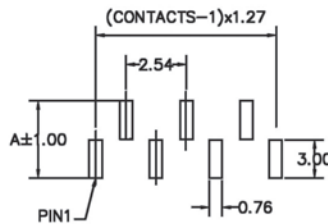
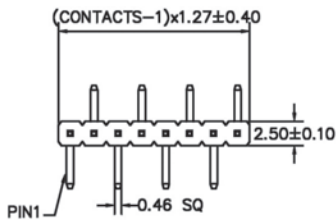
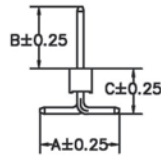
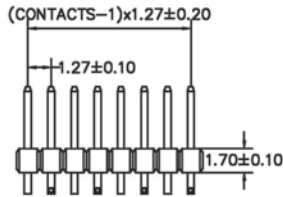
- PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD  
NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

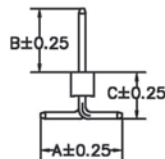
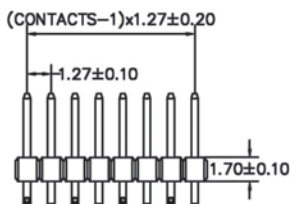
# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.70MM



Recommended P.C.Board Layout  
Type A



Recommended P.C.Board Layout  
Type B



## SPECIFICATIONS

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

## ORDERING INFORMATION:

CODE: 1 3 9  $\frac{1}{1}$  M 1 -  $\frac{A/B/C}{2}$  -  $\frac{x x x x}{3}$  B -  $\frac{x x}{5 6}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{x x x x x x x}{Y Y M M D D}$  -  $\frac{x x x x}{3 4}$  B

1. EXTERIOR CODE:

1M1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 050

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PCB LAYOUT TYPE:

"A" TYPE A

"B" TYPE B

6. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

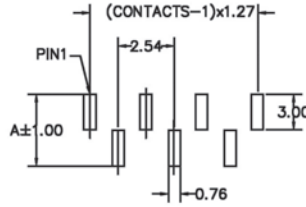
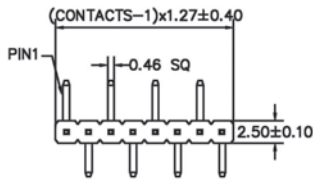
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

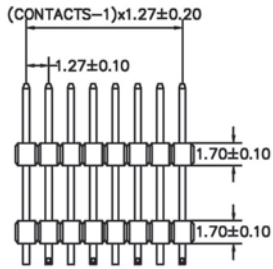


# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.70MM

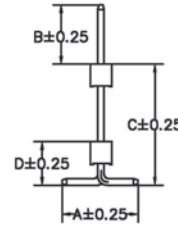


## SPECIFICATIONS

- Current Rating: 1 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Dielectric Strength: 1000V AC/Min.
- Operating Temperature: -55°C to +105°C

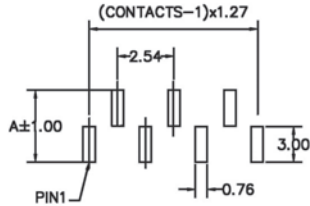
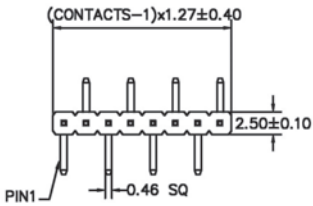


## Recommended P.C.Board Layout Type A

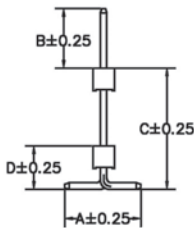
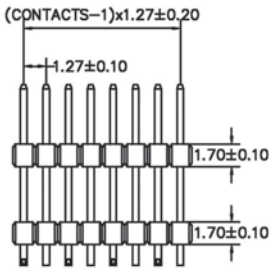


## MATERIALS

- Insulator: NY6T UL94V-0, Black
- Contact: Copper Alloy
- All materials must be RoHS compliant.



## Recommended P.C.Board Layout Type B



TYPE A	TYPE B	DIMENSIONS(MM)			
		A	B	C	D
B01	B02	5.08	3.30	5.08	3.80
B03	B04	5.08	6.00	5.08	3.80
B05	B06	5.08	6.10	6.35	3.80
B11	B12	5.00	3.00	6.00	3.00
B13	B14	5.00	3.00	9.75	3.00

## ORDERING INFORMATION:

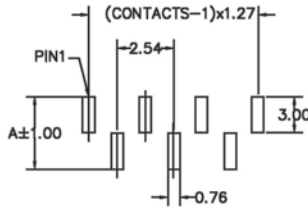
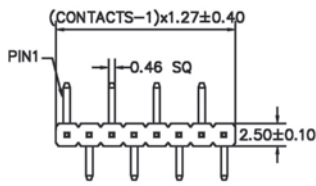
P/N 1 2  $\frac{XXX}{1}$  -  $\frac{XXXX}{2}$  B -  $\frac{X}{4}$

- PIN LENGTH:  
B01, B02, B03, B04, B05,  
B06, B11, B12, B13, B14
- NO. OF CONTACTS:  
002 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

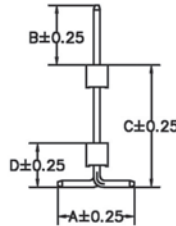
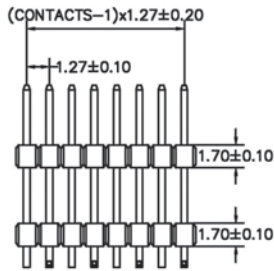
- PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD  
NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.70MM



Recommended P.C.Board Layout  
Type A

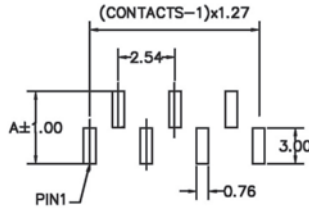
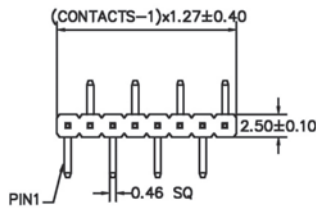


## SPECIFICATIONS

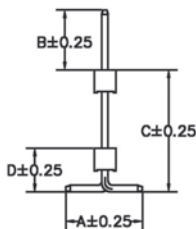
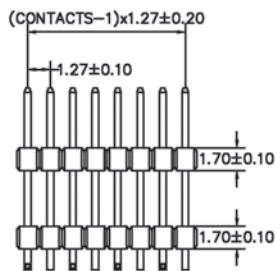
Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.



Recommended P.C.Board Layout  
Type B



## ORDERING INFORMATION:

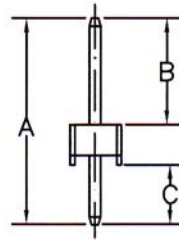
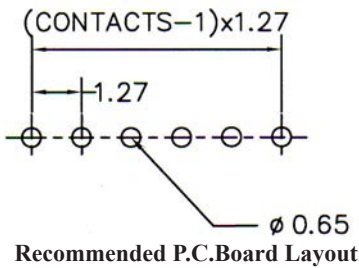
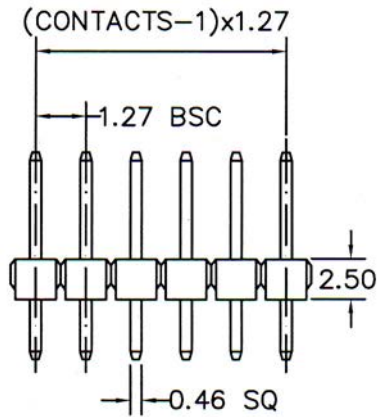
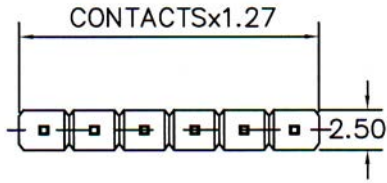
CODE: 1 3 9 1 M4 - A/B/C/D - x x x x B - x x  
 1 2 3 4 5 6

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B  
 YY MM DD 3 4

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. EXTERIOR CODE:<br/>1M4</li> <li>2. DIMENSION A/B/C/D (UNIT: mm)</li> <li>3. NO. OF CONTACTS:<br/>002 ~ 050</li> <li>4. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ol> | <ol style="list-style-type: none"> <li>5. PCB LAYOUT TYPE:<br/>"A" TYPE A<br/>"B" TYPE B</li> <li>6. PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL</li> </ol> <p>NOTE: PAD = PICK &amp; PLACE PAD</p> |
|--|--|

# 1.27MM 0.46MMSQ PIN HEADER STRAIGHT TYPE PROFILE=2.50MM



## SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 5000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to + 105°C

## MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
Nylon-6T

**Contacts:** Copper Alloy

All materials must be RoHS compliant.

H=2.50	B	C
PC	2.80	2.60
PF	6.00	3.00
PD	2.60	3.00
PE	8.50	3.00
MP	6.00	2.60
MQ	4.00	2.30
MR	10.00	3.00
MS	12.30	3.00
MT	13.60	3.00
MU	15.40	3.00

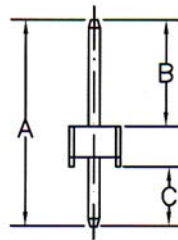
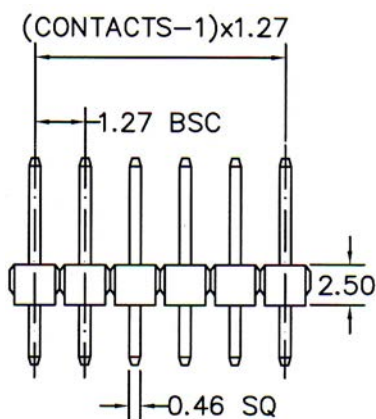
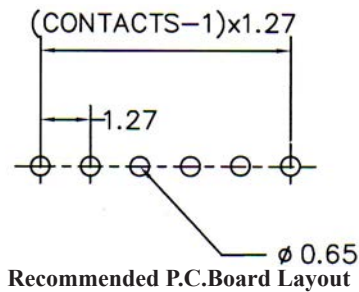
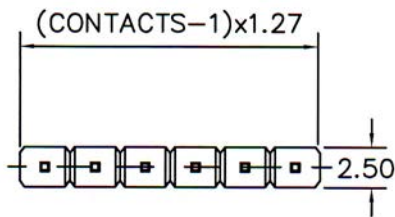
## ORDERING INFORMATION:

P/N 1 2 7 XX - XXX X B  
1 2 3

1. PROFILE & PIN LENGTH:  
PC, PF, PD, PE, MP, MQ, MR, MS, MT, MU
2. NO. OF CONTACTS:  
002 ~ 050
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=2.50MM



## SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -45°C to + 105°C

## MATERIALS

Insulator: Thermoplastic, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.

## ORDERING INFORMATION:

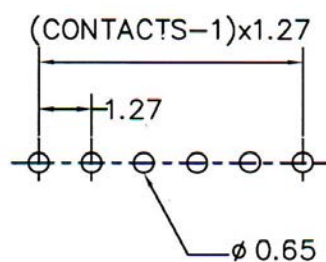
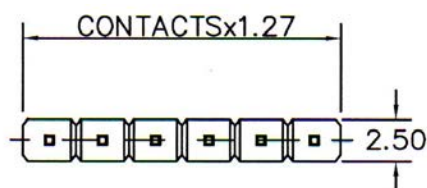
CODE: 1 4 0 1 S 1 - A/B/C - x x x x B  
 1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

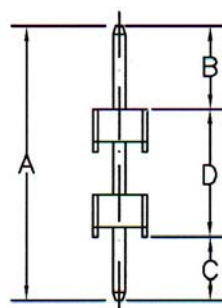
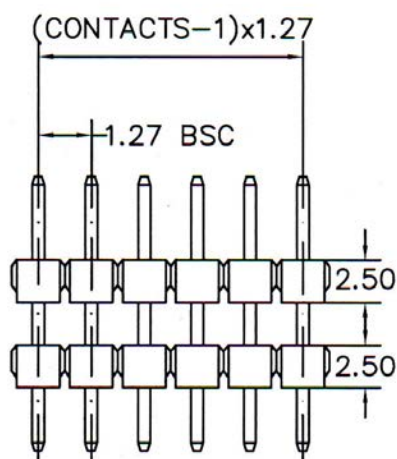
P/N P x x x x x x x - x x x x B  
 YY MM DD 3 4

1. EXTERIOR CODE:  
1S1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 050
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW STRAIGHT TYPE ROFILE=2.50MM



Recommended P.C.Board Layout



## SPECIFICATIONS

**Current Rating:** 1A  
**Contact Resistance:** 20mΩ Max.  
**Insulator Resistance:** 5000MΩ Min.  
**Dielectric Strength:** 500V AC Min.  
**Operating Temperature:** -40°C to +105°C

## MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon 6T  
**Contact:** Copper Alloy  
**All materials must be RoHS compliant.**

CODE	A	B	C	D
N66	11.00	2.87	3.05	5.08
N67	12.90	3.05	3.05	6.80
N68	15.90	3.05	3.05	9.80
N69	17.90	3.05	3.05	11.80
N70	21.00	3.05	3.05	14.90
7PG	11.00	2.80	2.00	6.20
7SX	11.50	2.80	2.60	6.10
7NS	14.70	6.00	2.60	6.10
7NU	14.10	4.50	3.50	6.10

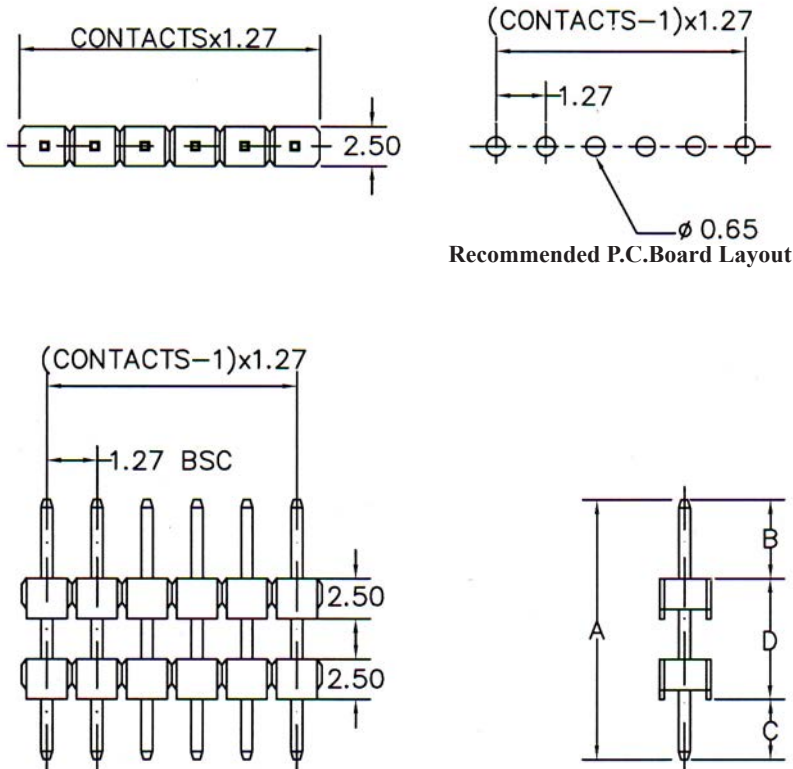
## ORDERING INFORMATION:

P/N 1 2 xxx - xxx x B  
 1 2 3

- PIN LENGTH:  
N66, N67, N68, N69, N70,  
7PG, 7SX, 7NS, 7NU
- NO. OF CONTACTS:  
002 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGN!

# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=2.50MM



## SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

## MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**

## ORDERING INFORMATION:

**CODE: 1 4 0 1 S 2 - A/B/C/D - x x x x x B**

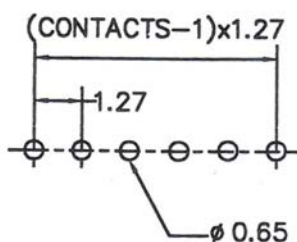
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x x B**  
 YY MM DD 3 4

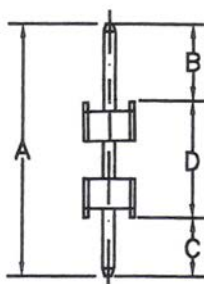
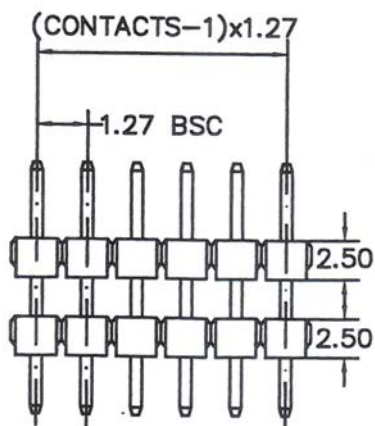
1. EXTERIOR CODE:  
1S2
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 050
4. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED



# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW STRAIGHT TYPE ROFILE=2.50MM



Recommended P.C.Board Layout



## SPECIFICATIONS

- Current Rating: 1A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Dielectric Strength: 1000V AC Min.
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Insulator: Nylon 6T, UL94V-0
- Contact: Copper Alloy
- All materials must be RoHS compliant.

CODE	A	B	C	D
N71	11.00	2.87	3.05	5.08
N72	12.90	3.05	3.05	6.80
N73	15.90	3.05	3.05	9.80
N74	17.90	3.05	3.05	11.80
N75	21.00	3.05	3.05	14.90
N76	14.10	3.05	3.05	8.00
N77	16.50	3.05	3.05	10.40
N78	19.20	3.05	3.05	13.10

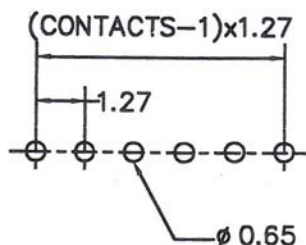
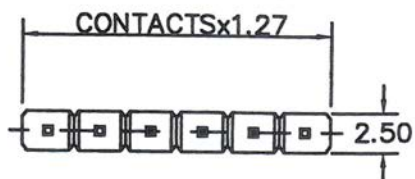
## ORDERING INFORMATION:

P/N 1 2 xxx - xxx x B  
1 2 3

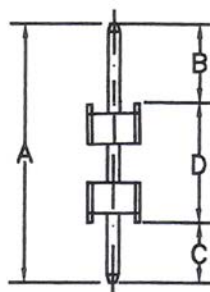
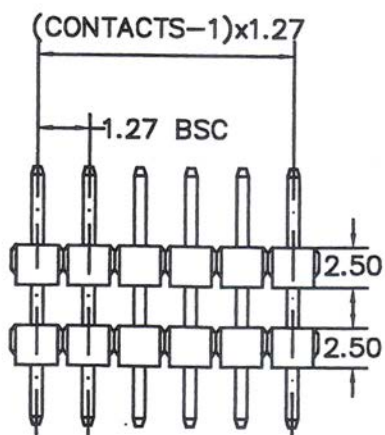
1. PIN LENGTH:  
N71, N72, N73, N74, N75, N76, N77, N78
2. NO. OF CONTACTS:  
002 ~ 050
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGN!

# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW STRAIGHT TYPE ROFILE=2.50MM



Recommended P.C.Board Layout



## SPECIFICATIONS

Current Rating: 1A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Dielectric Strength: 1000V AC Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: Nylon 6T, UL94V-0  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

## ORDERING INFORMATION:

CODE: 1 4 0 1 S 3 - A/B/C/D - x x x x B

1                      2                      3                      4

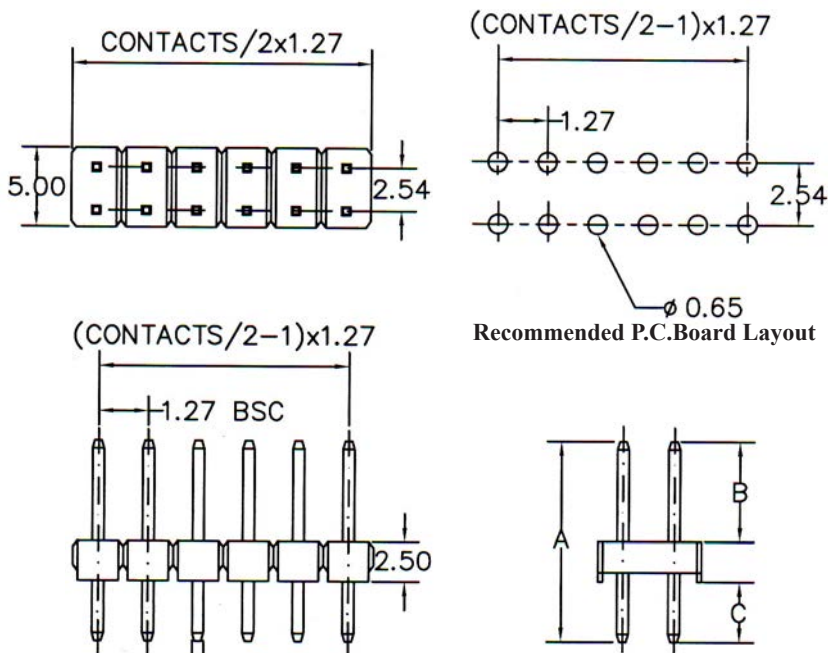
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B

YY MM DD                      3                      4

1. EXTERIOR CODE:  
1S3
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 050
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=2.50MM



## SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to +105°C

## MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**

H=2.50mm	Dimensions(mm)	
	B	C
PN	2.80	2.60
PP	2.60	3.00
PQ	6.00	3.00
PR	8.50	3.00
NL	9.91	3.05
NM	10.29	3.05
NN	10.92	3.05
NP	12.32	3.05
NQ	13.59	3.05
NR	15.37	3.05
TM	6.00	2.60
TN	4.00	2.30

## ORDERING INFORMATION:

P/N 1 2 7  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B

- PIN LENGTH:  
PN, PP, PQ, PR, NL, NM, NN, NP,  
NQ, NR, TM, TN
- NO. OF CONTACTS:  
004 ~ 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGN!

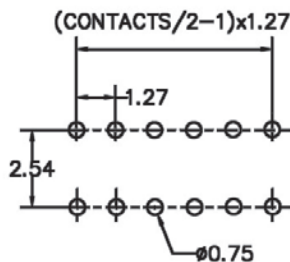
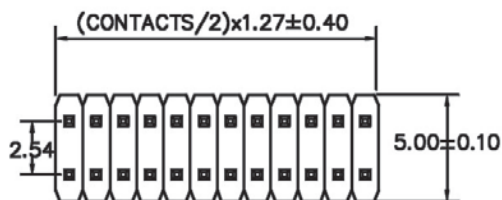
# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=2.50MM

## SPECIFICATIONS

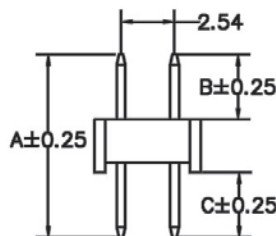
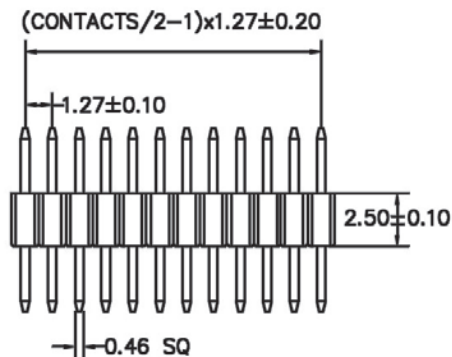
Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.



Recommended P.C.Board Layout



## ORDERING INFORMATION:

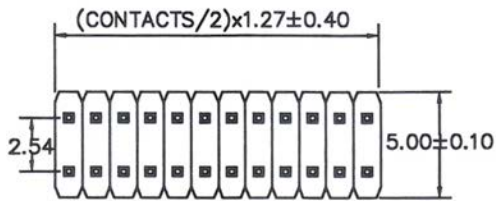
CODE: 1 4 0 2 S 1 - A/B/C - xxxx B  
 1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P xxxxxx - xxxx B  
 YY MM DD 3 4

1. EXTERIOR CODE:  
2S1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
004 ~ 100
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW STRAIGHT TYPE ROFILE=2.50MM

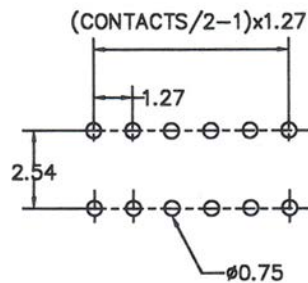
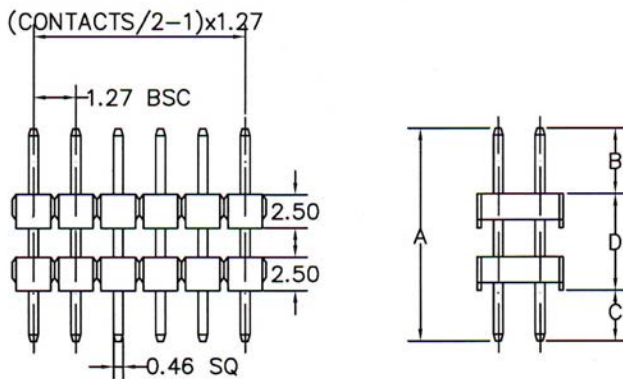


## SPECIFICATIONS

**Current Rating:** 1.0 A  
**Contact Resistance:** 20mΩ Max.  
**Insulator Resistance:** 5000MΩ Min.  
**Withstanding Voltage:** 500V AC  
**Operating Temperature:** -40°C to +105°C

## MATERIALS

**Insulator:** Thermoplastic UL94V-0 NY6T  
**Contact:** Copper Alloy  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

CODE	A	B	C	D
N1	11.00	2.87	3.05	5.08
N2	12.90	3.05	3.05	6.80
N3	15.90	3.05	3.05	9.80
N4	17.90	3.05	3.05	11.80
N5	21.00	3.05	3.05	14.90
PS	11.00	2.80	2.00	6.20
SY	11.50	2.80	2.60	6.10
NT	14.70	6.00	2.60	6.10
NV	14.10	4.50	3.50	6.10

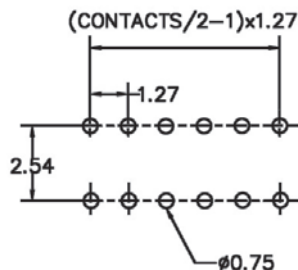
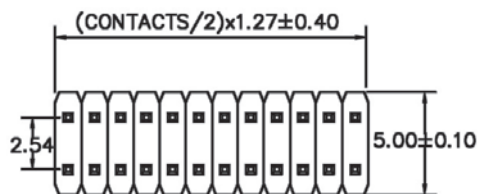
## ORDERING INFORMATION:

P/N 1 2 7  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

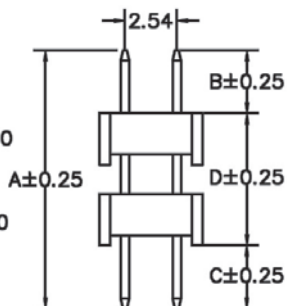
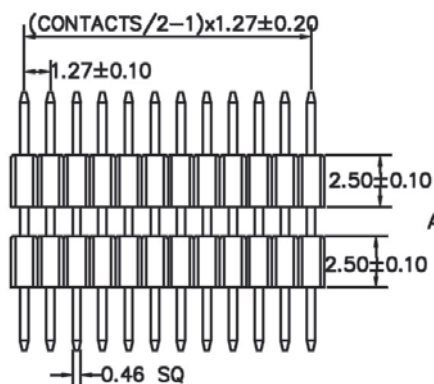
- PIN LENGTH:  
N1, N2, N3, N4, N5, PS, SY, NT, NV
- NO. OF CONTACTS:  
004 ~ 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGN!

# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=2.50MM



Recommended P.C.Board Layout



## SPECIFICATIONS

- Current Rating: 1 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 1000V AC/Min.
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Insulator: NY6T UL94V-0, Black
- Contact: Copper Alloy
- All materials must be RoHS compliant.

## ORDERING INFORMATION:

CODE: 1 4 0 2 S 2 - A/B/C/D - x x x x B

1                      2                      3                      4

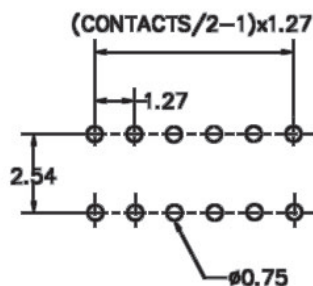
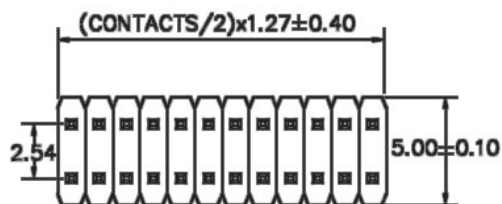
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B

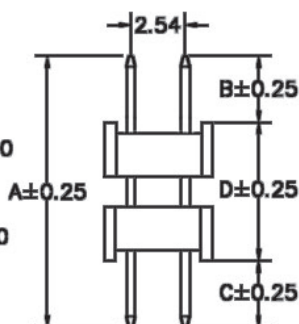
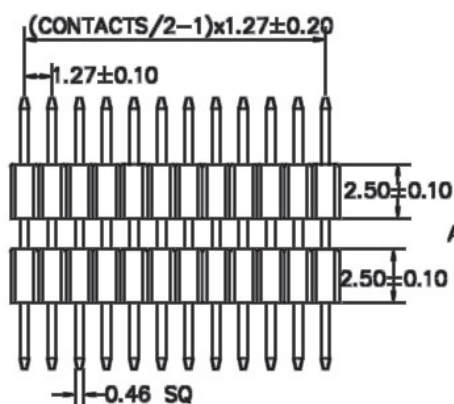
YY MM DD                      3                      4

- EXTERIOR CODE:  
2S2
- DIMENSION A/B/C/D (UNIT: mm)
- NO. OF CONTACTS:  
004 ~ 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=2.50MM



Recommended P.C.Board Layout



## SPECIFICATIONS

- Current Rating: 1 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 1000V AC/Min.
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Insulator: NY6T UL94V-0, Black
- Contact: Copper Alloy
- All materials must be RoHS compliant.

CODE	A	B	C	D
N79	11.0	2.87	3.05	5.08
N80	12.9	3.05	3.05	6.80
N81	15.9	3.05	3.05	9.80
N82	17.9	3.05	3.05	11.80
N83	21.0	3.05	3.05	14.90
N84	14.1	3.05	3.05	8.00
N85	16.5	3.05	3.05	10.40
N86	19.2	3.05	3.05	13.10

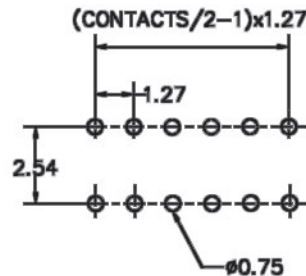
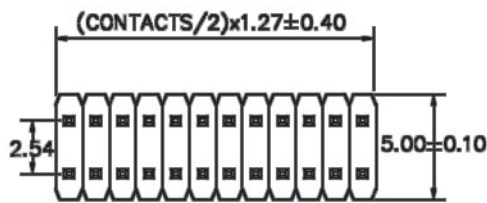
## ORDERING INFORMATION:

P/N 1 2 XXX - XXXX B  
 1 2 3 4

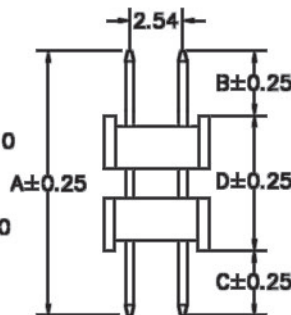
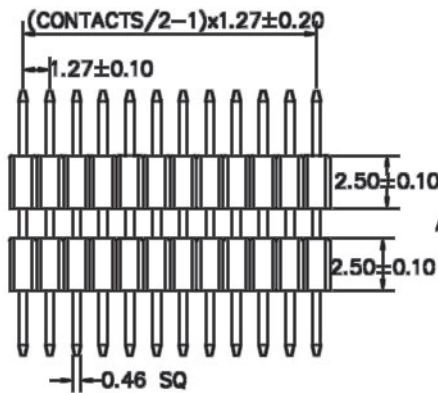
- CONNECTOR TYPE:  
N79, N80, N81, N82, N83, N84, N85, N86
- NO. OF CONTACTS:  
010 ~ 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGN!

# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=2.50MM



Recommended P.C.Board Layout



## SPECIFICATIONS

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

## ORDERING INFORMATION:

CODE: 1 4 0 2 S 3 - A/B/C - x x x x B  
 1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B  
 YY MM DD 3 4

1. EXTERIOR CODE:  
2S3
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
004 ~ 100
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED



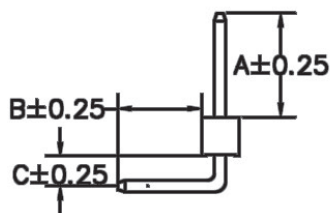
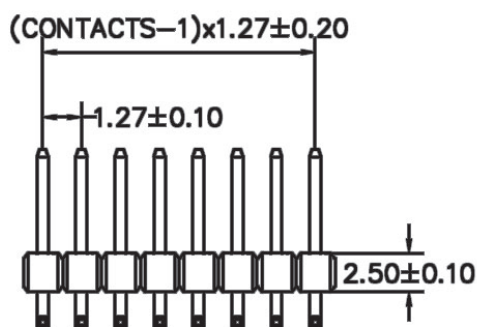
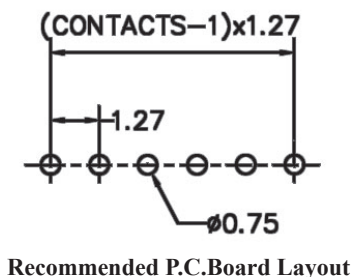
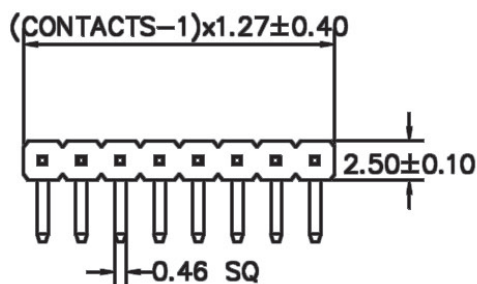
# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=2.50MM

## SPECIFICATIONS

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.



CODE	A	B	C
N63	2.80	2.60	1.40
N64	4.00	2.60	1.40
N65	6.00	2.60	1.40
N95	2.80	2.60	1.50
N96	6.00	2.60	1.50
N97	6.00	3.00	1.50

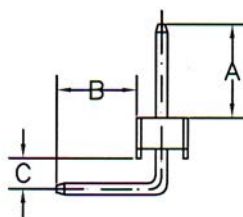
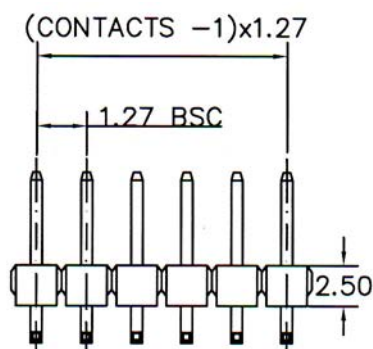
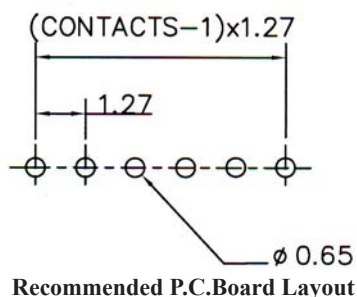
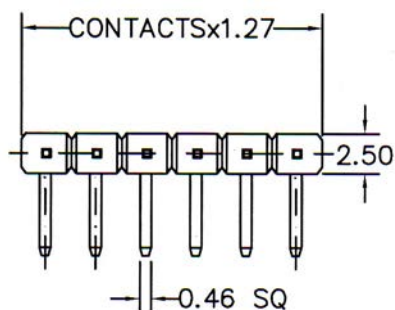
## ORDERING INFORMATION:

P/N 1 2 xxx - xxxx B  
 1 2 3 4

- PIN LENGTH:  
N63, N64, N65, N95, N96, N97
- NO. OF CONTACTS:  
002 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGN!

# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=2.50MM



## SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

## MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**

## ORDERING INFORMATION:

**CODE: 1 4 0 1 D 1 - A/B/C - x x x x B**

1                      2                      3                      4

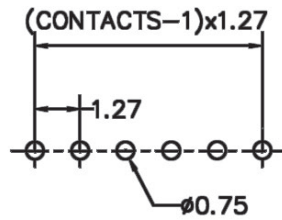
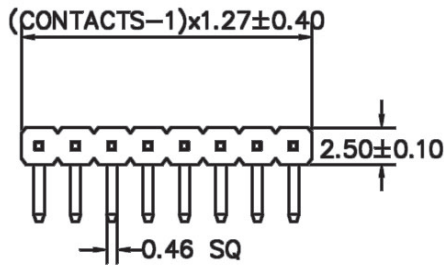
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**

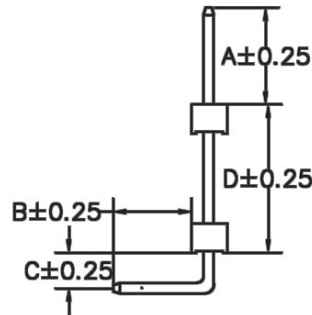
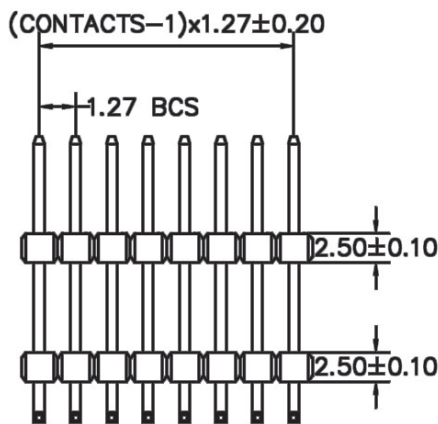
YY MM DD                      3                      4

1. EXTERIOR CODE:  
1D1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 050
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

**1.27MM 0.46MMSQ PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=2.50MM**



Recommended P.C.Board Layout



**SPECIFICATIONS**

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Dielectric Strength: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

P/N	DIMENSIONS(MM)			
	A	B	C	D
N41	2.8	2.6	1.5	8.0
N42	4.0	2.6	1.5	8.0
N43	6.0	2.6	1.5	8.0

**ORDERING INFORMATION:**

**P/N 1 2 XXX - XXX X B**  
 1 2 3

- PIN LENGTH:  
N41, N42, N43
- NO. OF CONTACTS:  
002 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

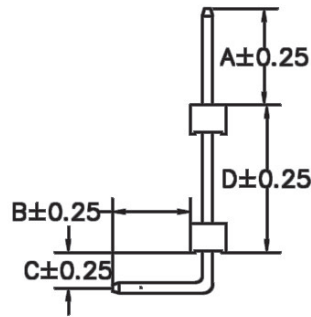
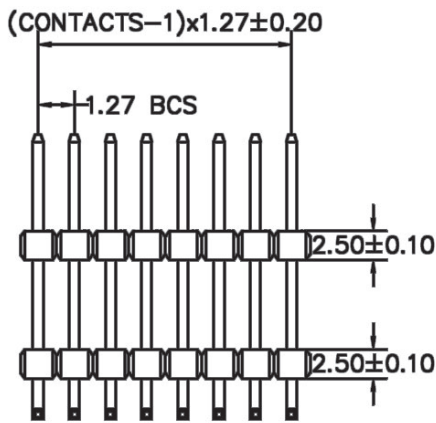
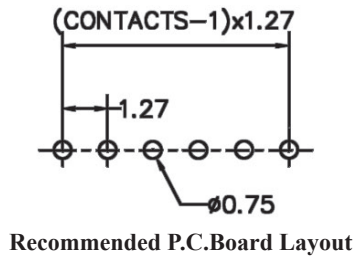
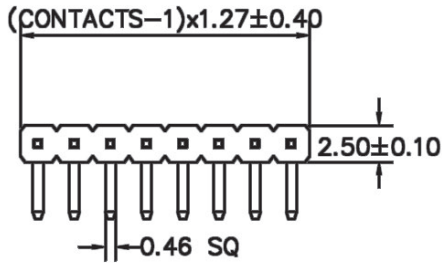
**1.27MM 0.46MMSQ PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=2.50MM**

**SPECIFICATIONS**

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.



**ORDERING INFORMATION:**

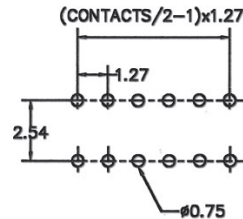
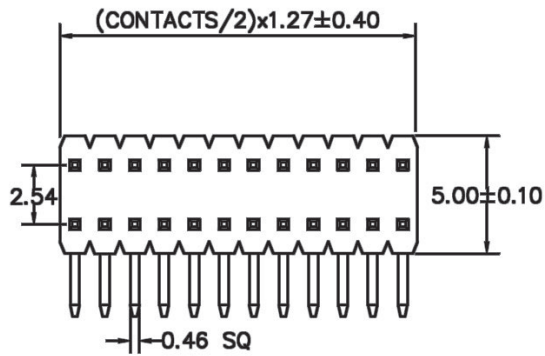
**CODE: 1 4 0 1 D 4 - A/B/C/D - x x x x B**  
 1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

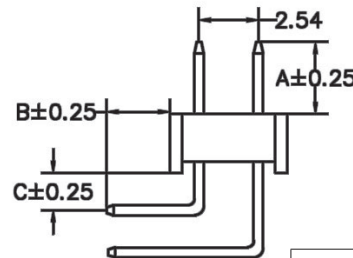
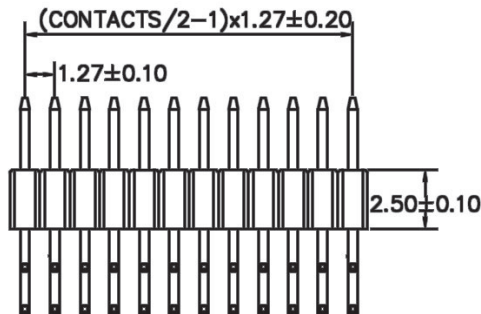
**P/N P x x x x x x x - x x x x B**  
 YY MM DD 3 4

1. EXTERIOR CODE:  
1D4
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
004 ~ 100
4. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=2.50MM



Recommended P.C.Board Layout



H=2.50mm	Dimensions(mm)		
	A	B	C
SU	2.80	2.60	1.40
SV	4.00	2.60	1.40
SW	6.00	2.60	1.40
TP	2.80	2.60	1.50
TQ	6.00	3.00	0.50
TR	6.00	2.60	0.50

## SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

## MATERIALS

Insulator: Thermoplastic, UL94V-0  
Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

## ORDERING INFORMATION:

P/N 1 2 7  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B

- PIN LENGTH:  
SU, SV, SW, TP, TQ, TR
- NO. OF CONTACTS:  
004 ~ 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

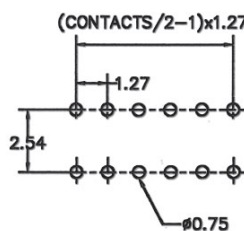
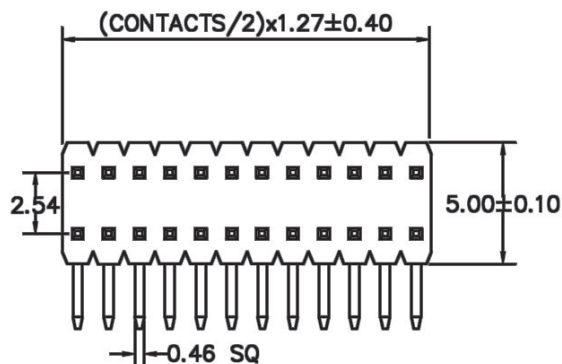
# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=2.50MM

## SPECIFICATIONS

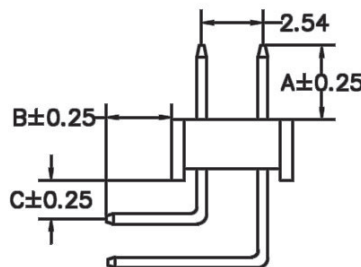
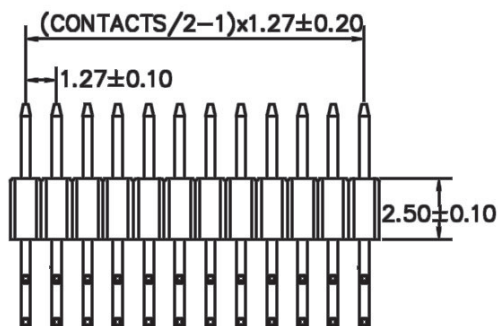
Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.



Recommended P.C. Board Layout



## ORDERING INFORMATION:

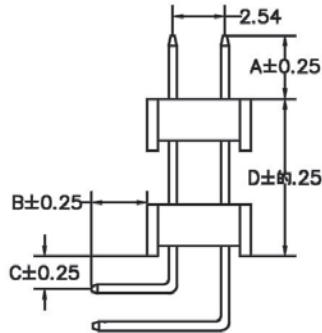
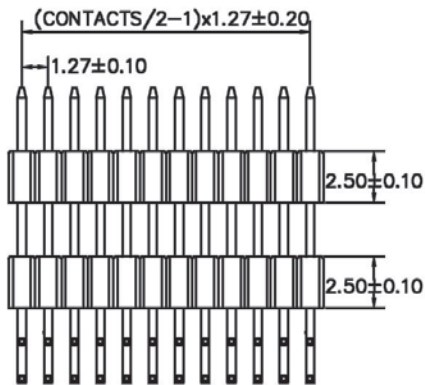
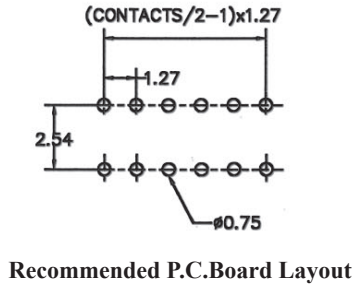
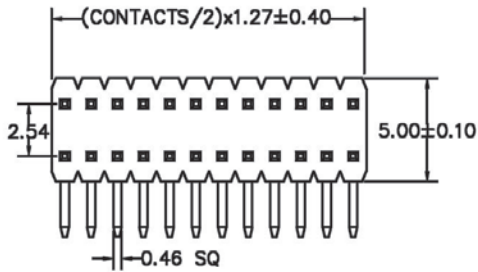
CODE: 1 4 0 2 D 1 - A/B/C - x x x x B  
 1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B  
 YY MM DD 3 4

1. EXTERIOR CODE:  
2D1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
004 ~ 100
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE PROFILE=2.50MM



## SPECIFICATIONS

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Dielectric Strength: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

P/N	DIMENSIONS(MM)			
	A	B	C	D
AT	2.80	2.60	1.50	8.00
AU	4.00	2.60	1.50	8.00
AW	6.00	2.60	1.50	8.00

## ORDERING INFORMATION:

P/N 1 2 7  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B

- PIN LENGTH:  
AT, AU, AW
- NO. OF CONTACTS:  
004 ~ 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

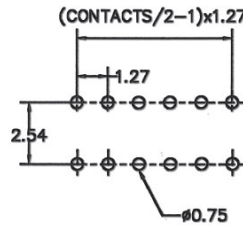
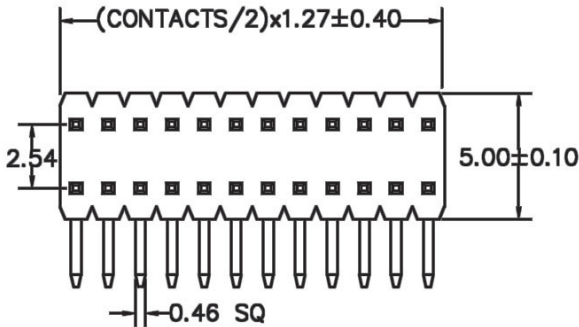
**1.27MM x 2.54MM PIN HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=2.50MM**

**SPECIFICATIONS**

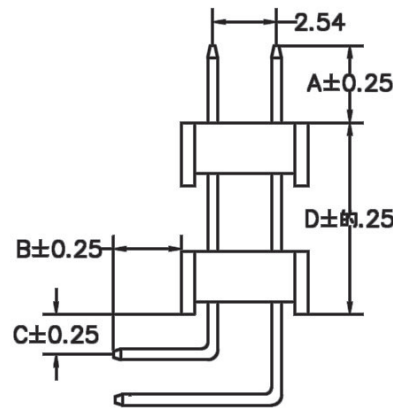
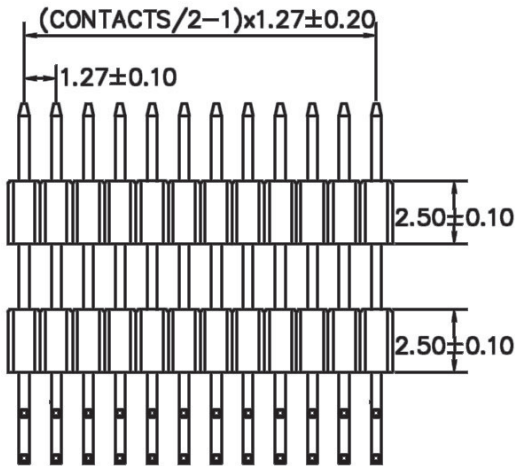
Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.



Recommended P.C.Board Layout



**ORDERING INFORMATION:**

**CODE: 1 4 0 2 D 4 - A/B/C/D - x x x x B**  
 1 2 3 4

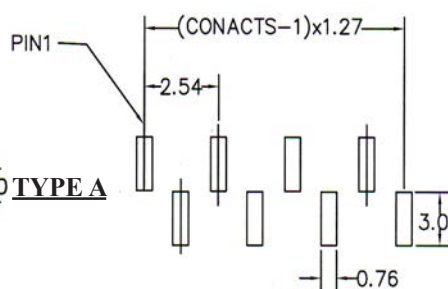
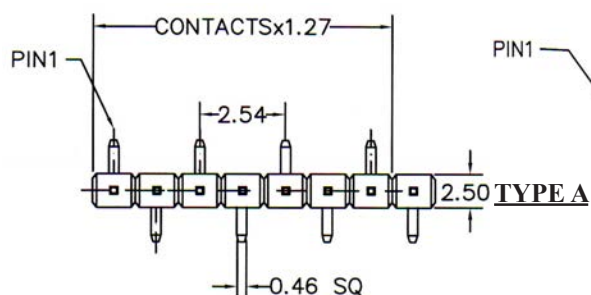
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**  
 YY MM DD 3 4

1. EXTERIOR CODE:  
2D4
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
004 ~ 100
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED



# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.50MM

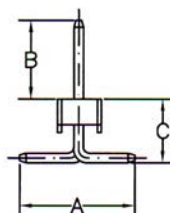
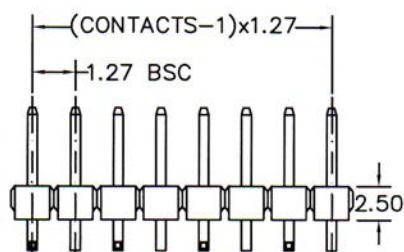
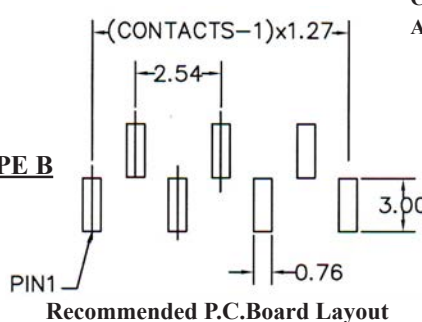
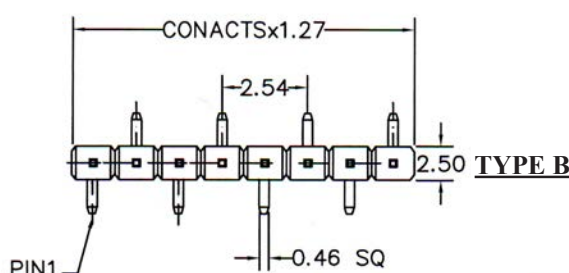


## SPECIFICATIONS

- Current Rating: 1.0 Amp
- Dielectric Withstand: 500V AC
- Insulator Resistance: 5000 MΩ min.
- Contact Resistance: 20mΩ Max.
- Operating Temperature: -40°C to +105°C

## MATERIALS

- Insulator: Thermoplastic, UL94V-0 Nylon-6T
- Contacts: Copper Alloy
- All materials must be RoHS compliant.



TYPE A	TYPE B	A	B	C
QA	QC	5.08	2.80	3.77
QB	QD	5.08	6.00	3.77
VK	VL	5.00	2.80	3.81
VM	VN	5.00	6.00	3.81
WE	WF	5.08	2.80	3.81
WG	WH	5.08	6.00	3.81

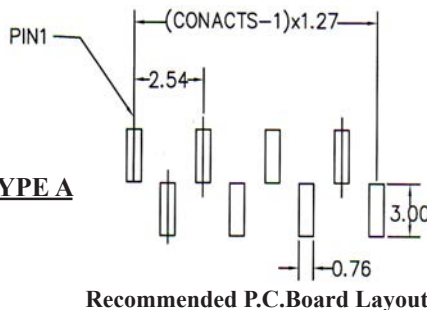
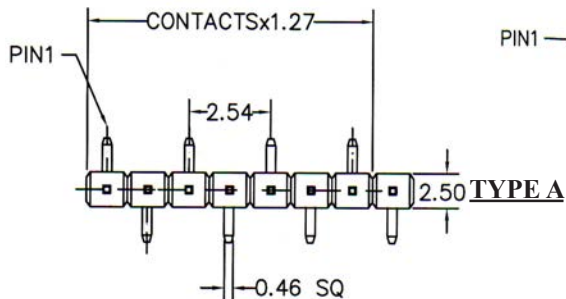
## ORDERING INFORMATION:

P/N 1 2 7  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

- CONNECTOR TYPE:  
QA, QB, QC, QD, VK, VL,  
VM, VN, WE, WF, WG, WH
- NO. OF CONTACTS:  
002 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD  
NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.50MM

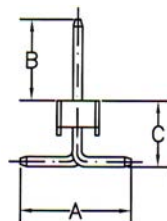
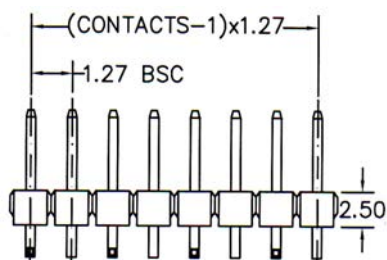
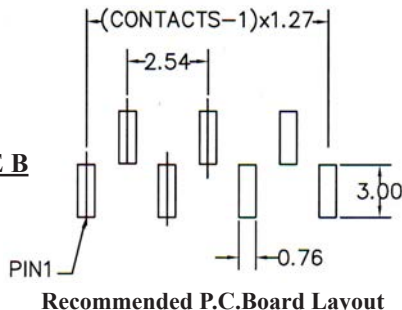
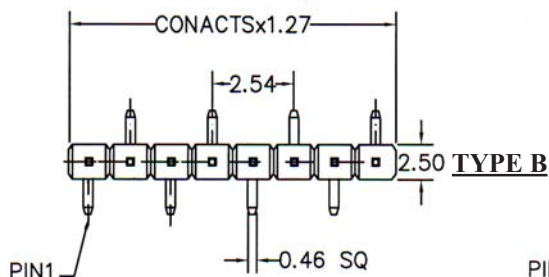


## SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -40°C to +105°C

## MATERIALS

Insulator: Thermoplastic, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



## ORDERING INFORMATION:

CODE: 1 4 0 1 M 1 - A/B/C - x x x x B - x x

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B  
YY MM DD 3 4

1. EXTERIOR CODE:

1M1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 050

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PCB LAYOUT TYPE:

"A" TYPE A

"B" TYPE B

6. PAD & PACKAGE OPTION:

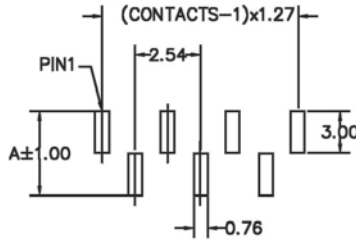
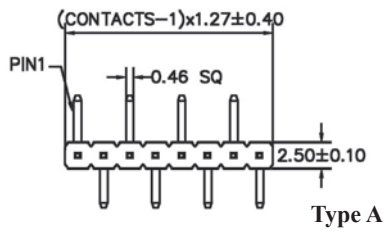
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

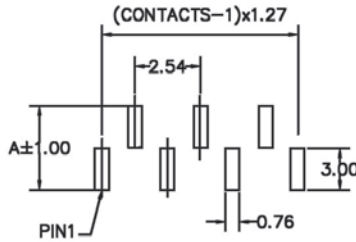
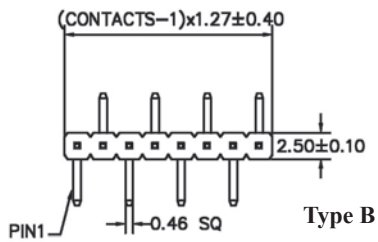
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

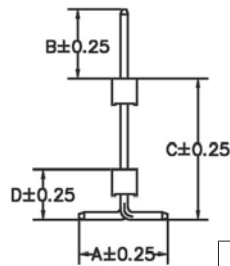
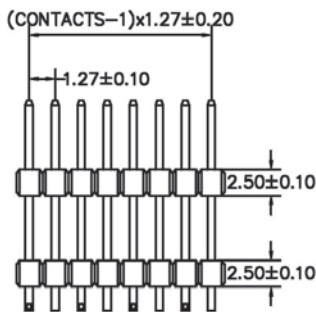
# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW SMT TYPE ROFILE=2.50MM



Recommended P.C.Board Layout



Recommended P.C.Board Layout



TYPE A	TYPE B	A	B	C	D
WJ	WK	5.08	2.03	6.35	3.81
WL	WM	5.08	4.70	6.35	3.81

## SPECIFICATIONS

- Current Rating: 1.0 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Dielectric Strength: 1000V AC Min.
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Insulator: NY6T, UL94V-0, Black
- Contact: Copper Alloy
- All materials must be RoHS compliant.

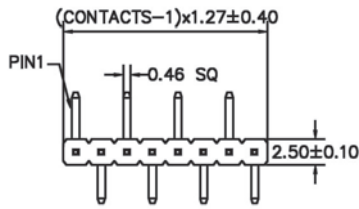
## ORDERING INFORMATION:

P/N 1 2 7  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

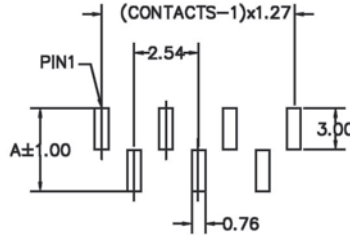
- PIN LENGTH:  
WJ, WK, WL, WM
- NO. OF CONTACTS:  
002 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD  
NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGN!

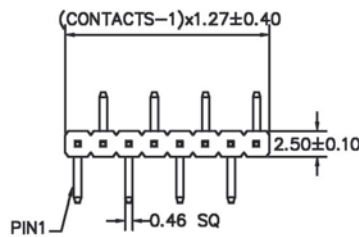
# 1.27MM 0.46MMSQ PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.50MM



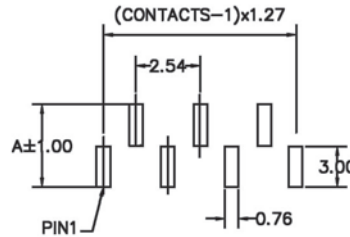
Type A



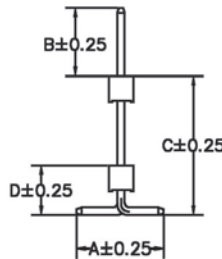
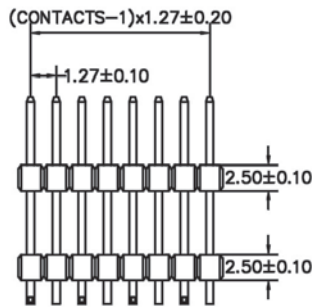
Recommended P.C.Board Layout



Type B



Recommended P.C.Board Layout



## SPECIFICATIONS

- Current Rating: 1 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 1000V AC/Min.
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Insulator: NY6T UL94V-0, Black
- Contact: Copper Alloy
- All materials must be RoHS compliant.

## ORDERING INFORMATION:

CODE: 1 4 0 1 M 4 - A/B/C/D - x x x x B - x x  
1 2 3 4 5 6

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B  
YY MM DD 3 4

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. EXTERIOR CODE:<br/>1M4</li> <li>2. DIMENSION A/B/C/D (UNIT: mm)</li> <li>3. NO. OF CONTACTS:<br/>002 ~ 050</li> <li>4. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ol> | <ol style="list-style-type: none"> <li>5. PCB LAYOUT TYPE:<br/>"A" TYPE A<br/>"B" TYPE B</li> <li>6. PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL</li> </ol> <p>NOTE: PAD = PICK &amp; PLACE PAD</p> |
|--|--|

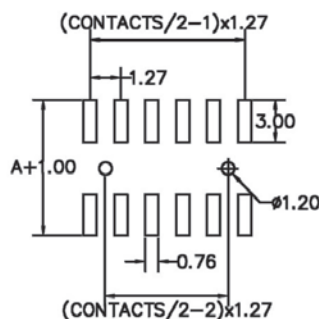
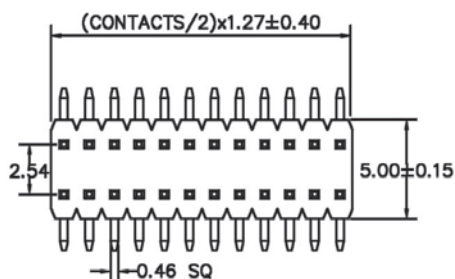
# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW SMT TYPE ROFILE=2.50MM

## SPECIFICATIONS

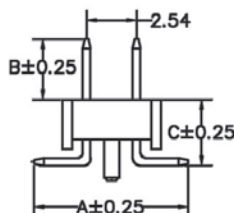
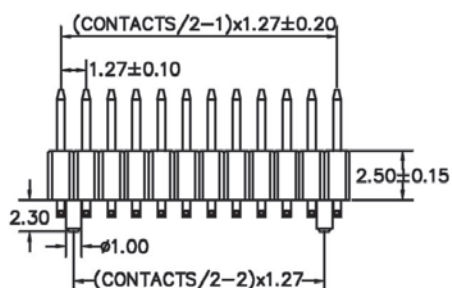
- Current Rating: 1.0 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Dielectric Strength: 1000V AC Min.
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Insulator: NY6T, UL94V-0, Black
- Contact: Copper Alloy
- All materials must be RoHS compliant.



Recommended P.C. Board Layout



WITHOUT PEGS	WITH PEGS	A	B	C
QN	VF	7.52	2.80	3.77
QP	VJ	7.52	6.00	3.77
VP	VQ	7.20	4.00	3.81
VR	VS	7.20	6.00	3.81
VG	VH	6.50	2.80	3.81
VX	VY	6.50	6.00	3.81

## ORDERING INFORMATION:

P/N 1 2 7  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

### 1. PIN LENGTH & PEG OPTION:

QN, QP, VP, VR, VG, VX,  
VF, VJ, VQ, VS, VH, VY

### 2. NO. OF CONTACTS:

004 ~ 100

### 3. CONTACT FINISH:

"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

### 4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGN!

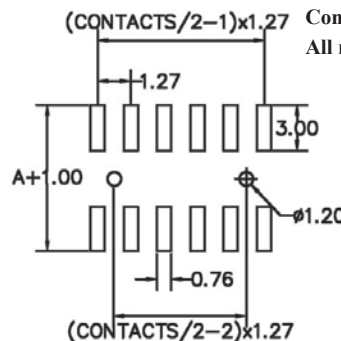
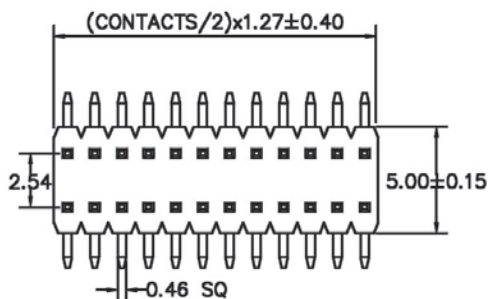
# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.50MM

## SPECIFICATIONS

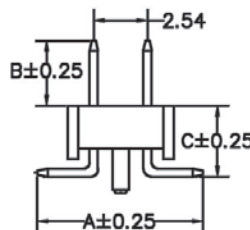
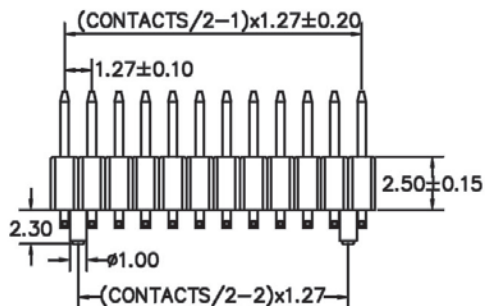
- Current Rating: 1 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 1000V AC/Min.
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Insulator: NY6T UL94V-0, Black
- Contact: Copper Alloy
- All materials must be RoHS compliant.



Recommended P.C.Board Layout



## ORDERING INFORMATION:

CODE: 1 4 0 2 M X - A/B/C - x x x x B - x

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

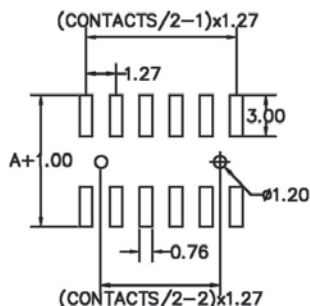
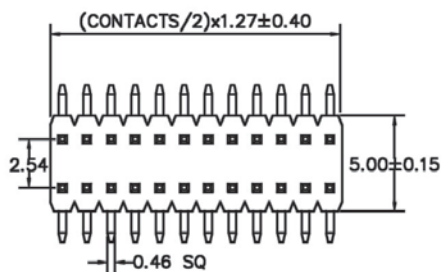
P/N P x x x x x x x - x x x x B

- EXTERIOR CODE:  
"2M1" W/O LOCATING PEG  
"2M3" WITH LOCATING PEG
- DIMENSION A/B/C (UNIT: mm)
- NO. OF CONTACTS:  
002 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED

- "T" FULL TIN PLATED
- PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW SMT TYPE ROFILE=2.50MM

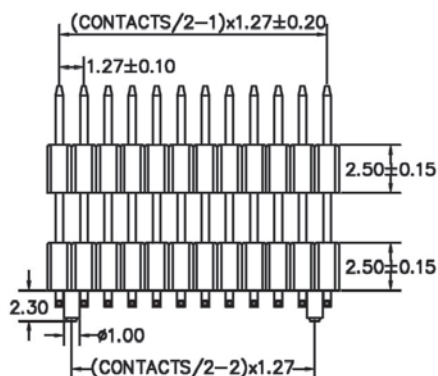


## SPECIFICATIONS

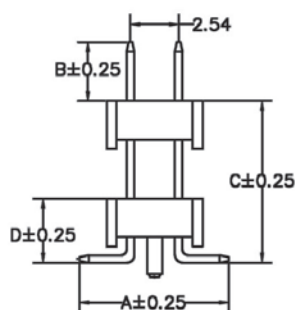
- Current Rating: 1.0 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Dielectric Strength: 1000V AC Min.
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Insulator: NY6T, UL94V-0, Black
- Contact: Copper Alloy
- All materials must be RoHS compliant.



## Recommended P.C.Board Layout



WITHOUT PEGS	WITH PEGS	A	B	C	D
N87	N88	7.54	4.70	6.35	3.81
N89	N90	7.54	8.51	6.35	3.81
N91	N92	7.20	4.00	6.00	3.81
N93	N94	7.20	4.00	9.75	3.81

## ORDERING INFORMATION:

P/N 1 2  $\frac{xxx}{1}$  -  $\frac{xxxx}{2}$  B -  $\frac{x}{4}$

- PIN LENGTH & PEG OPTION:  
N87, N88, N89, N90, N91, N92, N93, N94
- NO. OF CONTACTS:  
004 ~ 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

- PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD  
NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGN!

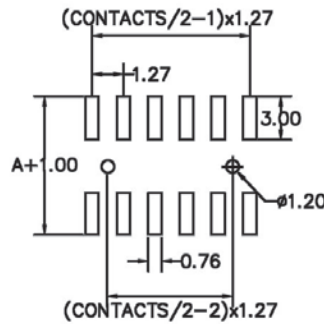
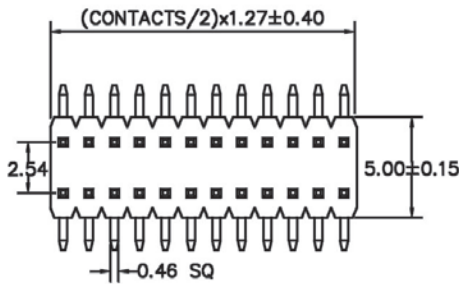
# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.50MM

## SPECIFICATIONS

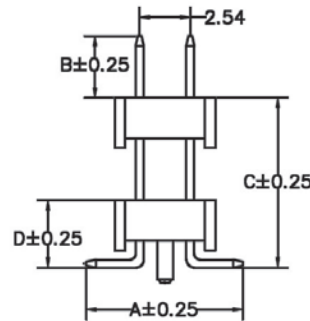
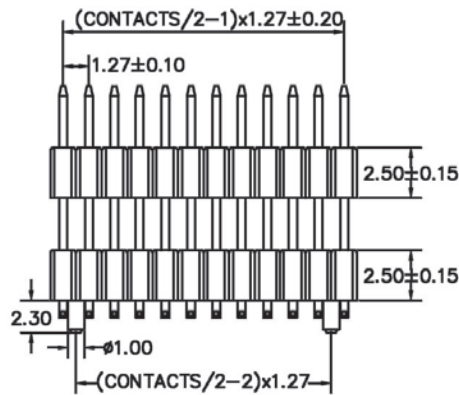
Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.



Recommended P.C.Board Layout



## ORDERING INFORMATION:

CODE: 1 4 0 2 M<sub>X</sub> - A/B/C/D - x x x x B - x  
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B  
 YY MM DD 3 4

### 1. EXTERIOR CODE:

"2M4" W/O LOCATING PEG  
 "2M7" WITH LOCATING PEG

### 2. DIMENSION A/B/C/D (UNIT: mm)

### 3. NO. OF CONTACTS:

002 ~ 100

### 4. CONTACT FINISH:

"G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED

### "T" FULL TIN PLATED

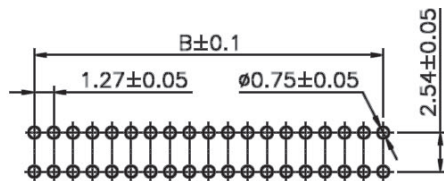
### 5. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

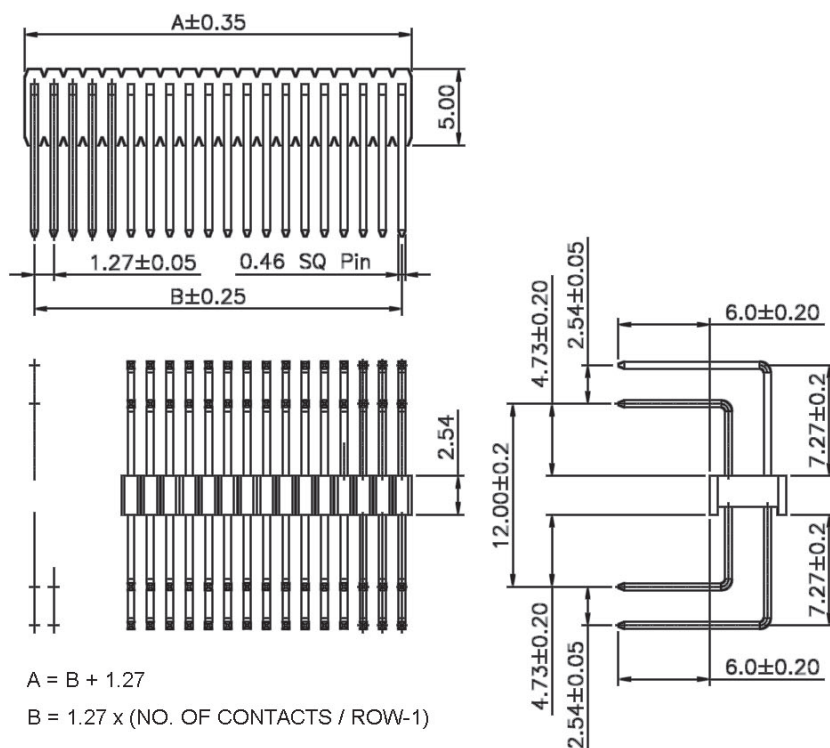
NOTE: PAD = PICK & PLACE PAD



# 1.27MM x 2.54MM PIN HEADER DOUBLE ROW "U" TYPE PROFILE=2.54MM



Recommended P.C.Board Layout



$$A = B + 1.27$$

$$B = 1.27 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

## SPECIFICATIONS

Current Rating: 1.0 A

Voltage Rating: 100V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Operating Temperature: -40°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

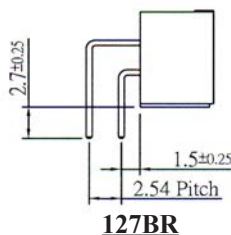
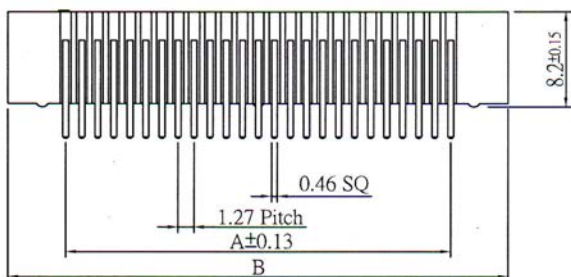
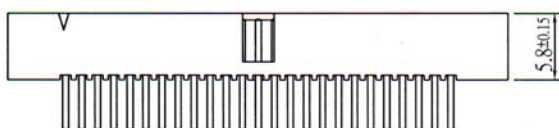
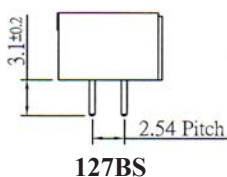
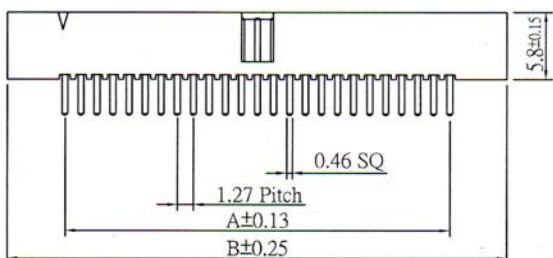
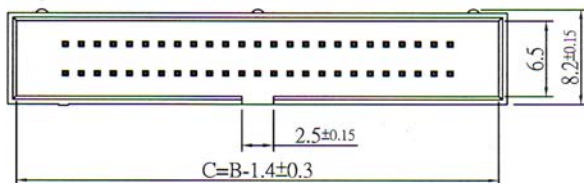
All materials must be RoHS compliant.

## ORDERING INFORMATION:

P/N  $\frac{1}{1}$   $\frac{H23}{2}$   $\frac{3}{3}$  -  $\frac{x}{2}$   $\frac{x}{3}$   $\frac{x}{4}$  B -  $\frac{x}{4}$

1. CONTACT TYPE:  
"H23" U-SHAPED DIP TYPE
2. NO. OF CONTACTS:  
002 ~ 100
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE OPTION:  
"0" IN BAG  
"T" W/O PAD IN TUBE

## 1.27MM x 2.54MM BOX HEADER DOUBLE ROW DIP TYPE



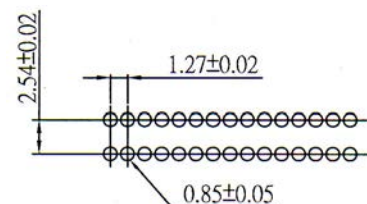
### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: Polyester, UL94V-0  
 Nylon-6T  
 Contacts: Brass  
 All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
08	3.81	13.10
10	5.08	14.37
20	11.43	20.72
26	15.24	24.53
30	17.78	27.07
34	20.32	29.61
40	24.13	33.42
44	26.67	35.96
50	30.48	39.77
60	36.83	46.12
68	41.91	51.20
80	49.53	58.82
100	62.23	71.52



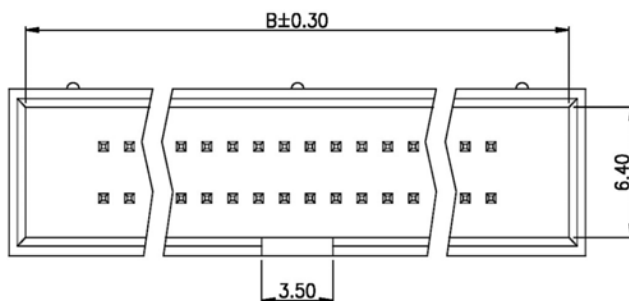
Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 1 2 7 1 2 3 B

- CONNECTOR TYPE:  
 "BS" STRAIGHT TYPE  
 "BR" RIGHT ANGLE TYPE
- NO. OF CONTACTS:  
 008, 010, 020, 026, 030, 034, 040, 044,  
 050, 060, 068, 080, 100
- CONTACT FINISH:  
 "G" FULL GOLD PLATED

# 1.27MM\*2.54MM BOX HEADER DOUBLE ROW STRAIGHT DIP TYPE WITH 3.5MM KEY H = 5.8MM



## SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 600V AC

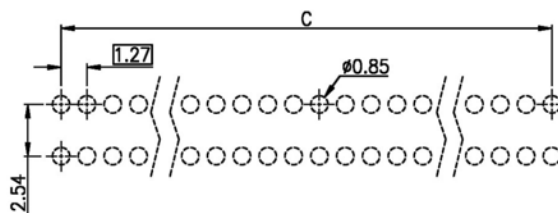
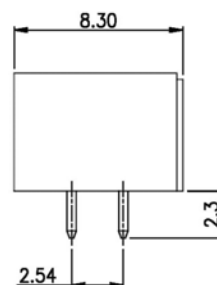
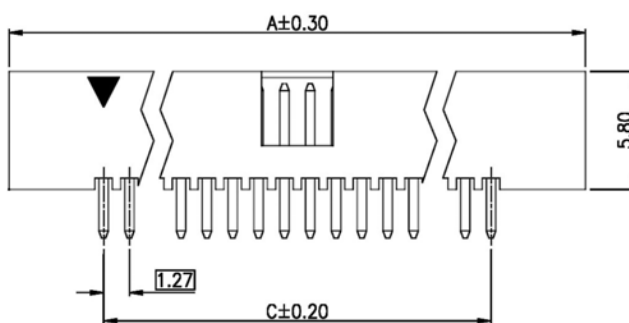
**Operating Temperature:** -55°C to +105°C

## MATERIALS

**Housing:** Thermoplastic (UL 94V-0), Black

**Terminal:** Sq. 0.46mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

Dimensions			
Pos.	A	B	C
010	14.37	12.77	5.08
016	18.18	16.58	8.89
020	20.72	19.12	11.43
026	24.53	22.93	15.24
030	27.07	25.47	17.78
034	29.61	28.01	20.32
040	33.42	31.82	24.13
044	35.96	34.36	26.67
050	39.77	38.17	30.48
060	46.12	44.52	36.83
068	51.20	49.60	41.91
080	58.82	57.22	49.53
100	71.52	69.92	62.23

## ORDERING INFORMATION:

P/N 1 2 E 25 - x x x G B  
1 2 3

1. HEIGHT & KEY TYPE:

"E25" H=5.8MM & KEY=3.5MM

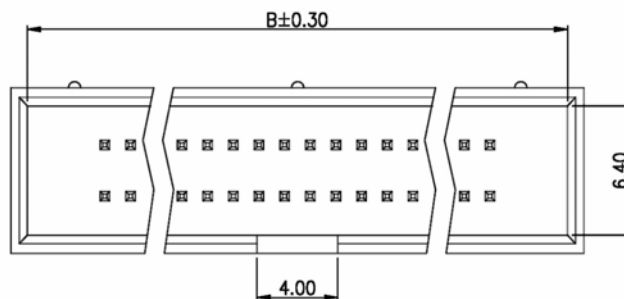
2. NO. OF CONTACTS:

008, 010, 020, 026, 030, 034, 040,  
044, 050, 060, 068, 080, 100

2. CONTACT FINISH:

"G" FULL GOLD PLATED

# 1.27MM\*2.54MM BOX HEADER DOUBLE ROW STRAIGHT DIP TYPE WITH 4.0MM KEY H = 5.8MM



## SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 600V AC

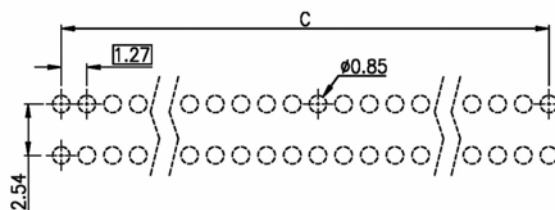
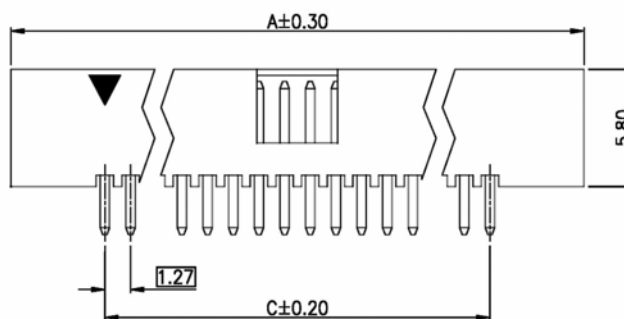
**Operating Temperature:** -55°C to +105°C

## MATERIALS

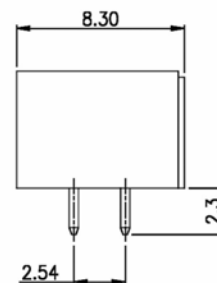
**Housing:** Thermoplastic (UL 94V-0), Black

**Terminal:** Sq. 0.46mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



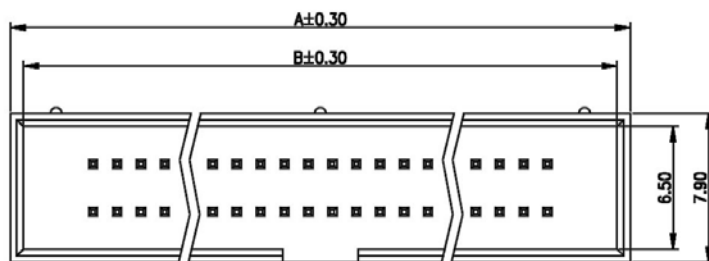
Dimensions			
Pos.	A	B	C
010	14.37	12.77	5.08
016	18.18	16.58	8.89
020	20.72	19.12	11.43
026	24.53	22.93	15.24
030	27.07	25.47	17.78
034	29.61	28.01	20.32
040	33.42	31.82	24.13
044	35.96	34.36	26.67
050	39.77	38.17	30.48
060	46.12	44.52	36.83
068	51.20	49.60	41.91
080	58.82	57.22	49.53
100	71.52	69.92	62.23

## ORDERING INFORMATION:

P/N 1 2 E 2 6 - x x x G B  
1                    2                    3

1. HEIGHT & KEY TYPE:  
"E26" H=5.8MM & KEY=4.0MM
2. NO. OF CONTACTS:  
008, 010, 020, 026, 030, 034, 040,  
044, 050, 060, 068, 080, 100
2. CONTACT FINISH:  
"G" FULL GOLD PLATED

# 1.27MM\*2.54MM BOX HEADER DOUBLE ROW STRAIGHT DIP TYPE WITH 4.0MM KEY H = 7.2MM



## SPECIFICATIONS

Rating Current: 1 Ampere Max.

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

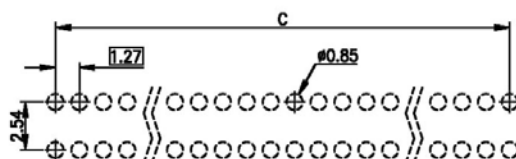
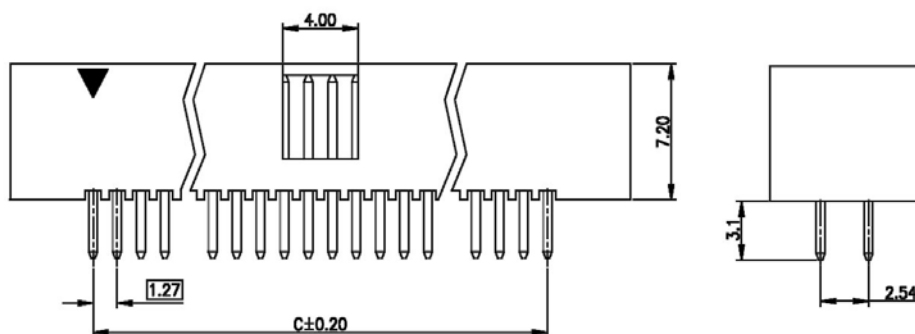
Operating Temperature: -55°C to +105°C

## MATERIALS

Housing: Nylon 6T (UL 94V-0), Black

Terminal: Sq. 0.46mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

Dimensions			
Pos.	A	B	C
008	12.60	11.20	3.81
010	13.87	12.47	5.08
020	20.22	18.82	11.43
026	24.03	22.63	15.24
030	26.67	25.27	17.78
034	29.11	27.71	20.32
040	32.92	31.52	24.13
044	35.46	34.06	26.67
050	39.27	37.87	30.48
060	45.62	44.22	36.83
068	50.70	49.30	41.91
080	58.32	56.92	49.53
100	71.02	69.62	62.23

## ORDERING INFORMATION:

P/N  $\frac{1}{1}$   $\frac{2}{2}$   $\frac{E}{2}$   $\frac{2}{2}$   $\frac{7}{3}$  -  $\frac{x}{2}$   $\frac{x}{2}$   $\frac{x}{3}$   $\frac{G}{3}$  B

1. HEIGHT & KEY TYPE:

"E27" H=7.2MM & KEY=4.0MM

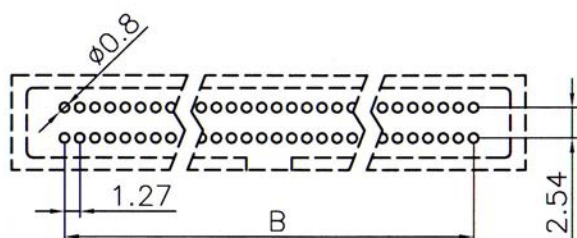
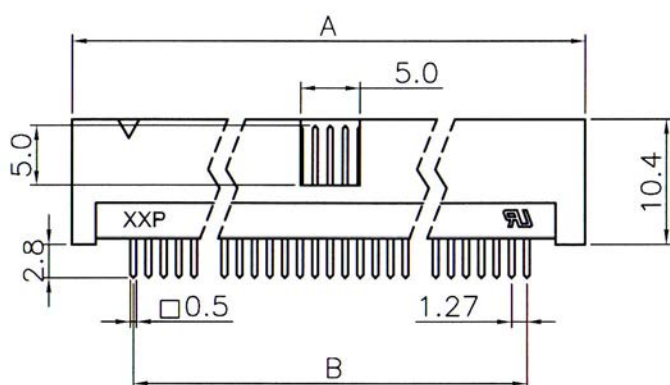
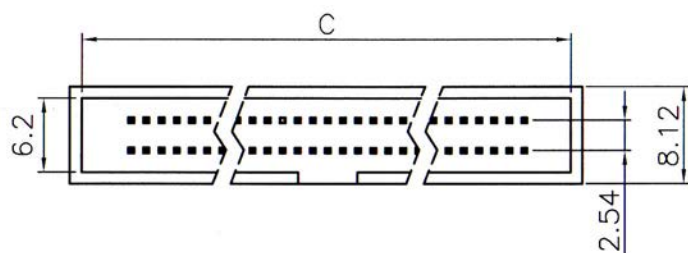
2. NO. OF CONTACTS:

008, 010, 020, 026, 030, 034, 040,  
044, 050, 060, 068, 080, 100

2. CONTACT FINISH:

"G" FULL GOLD PLATED

## 1.27MM x 2.54MM BOX HEADER DOUBLE ROW STRAIGHT TYPE



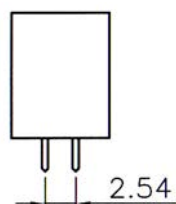
Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 0.5 Amp  
**Dielectric Withstand:** 300V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Polyester, UL94V-0  
 P.B.T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**



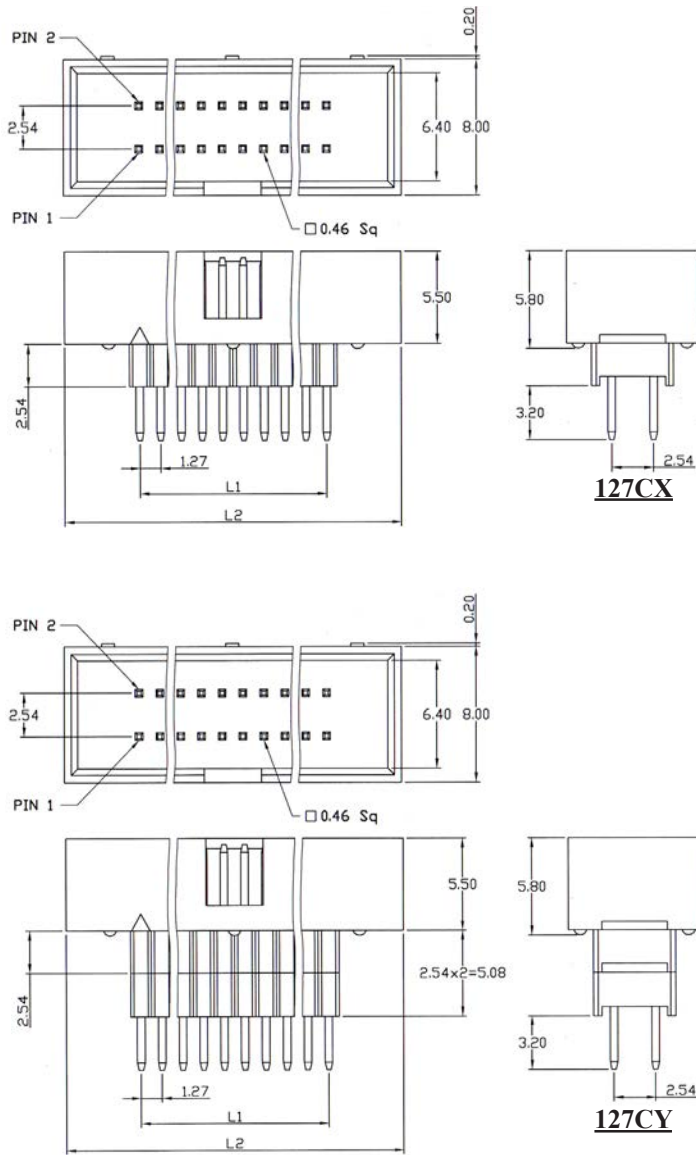
No. of Contacts	Dimensions(mm)		
	A	B	C
20	20.95	11.43	18.75
26	24.76	15.24	22.56
32	28.57	19.05	26.37
34	29.84	20.32	27.64
40	33.65	24.13	31.45
50	40.00	30.48	37.80
52	41.27	31.75	39.07
60	46.35	36.83	44.15
68	51.43	41.91	49.23
80	59.05	49.53	56.85
100	71.75	62.23	69.55

### ORDERING INFORMATION:

**P/N 1 2 7 B G -  $\frac{X X X X}{T} B$**

- NO. OF CONTACTS:  
020, 026, 032, 034, 040, 050, 052, 060, 068, 080, 100
- CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED (STANDARD)  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM x 2.54MM BOX HEADER STRAIGHT TYPE

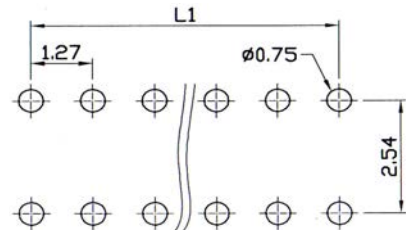


## SPECIFICATIONS

- Current Rating:** 1.0 Amp
- Dielectric Withstand:** 500V AC
- Insulator Resistance:** 1000 MΩ min.
- Contact Resistance:** 20mΩ Max.
- Operating Temperature:** -40°C to + 105°C

## MATERIALS

- Insulator:** Thermoplastic, UL94V-0 Nylon-6T
- Contacts:** Brass
- All materials must be RoHS compliant.**



Recommended P.C. Board Layout

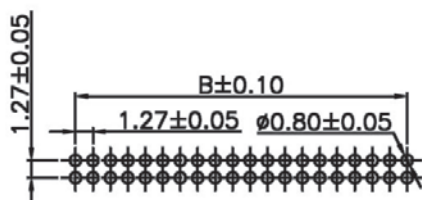
No. of Contacts	Dimensions(mm)	
	L1	L2
20	11.43	20.46
26	15.24	24.30
30	17.78	26.88
34	20.32	29.42
40	24.13	33.30
50	30.48	39.62
60	36.83	45.98
68	41.91	51.10
80	49.53	58.75
100	62.23	71.48

## ORDERING INFORMATION:

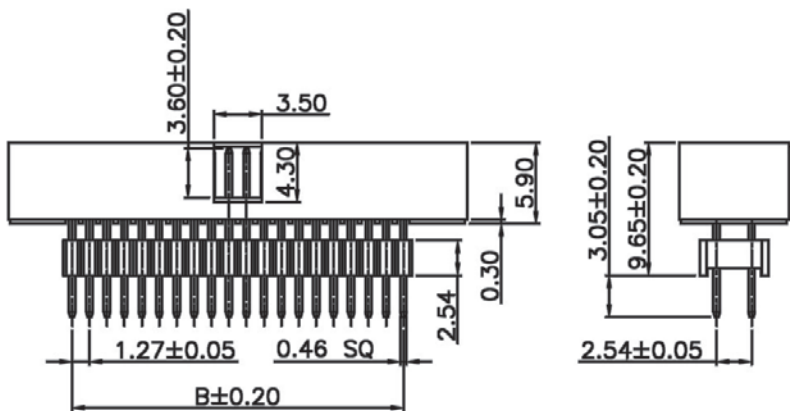
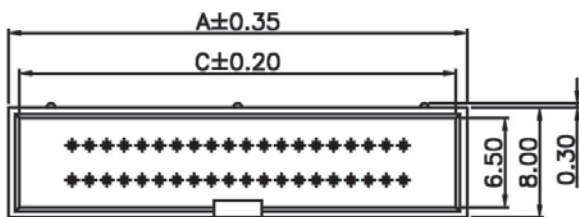
P/N 1 2 7 XX - XXX X B

- EXTERIOR TYPE:  
"CX" WITH 1 ELEVATION  
"CY" WITH 2 ELEVATIONS
- NO. OF CONTACTS:  
020, 026, 030, 034, 040, 050, 060, 068,  
080, 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED

# 1.27MM x 2.54MM BOX HEADER DOUBLE ROW STRAIGHT DIP TYPE



Recommended P.C.Board Layout



## SPECIFICATIONS

- Current Rating: 1.0 A
- Voltage Rating: 100V AC/DC
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 500MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

## MATERIALS

- Insulator: NY6T UL94V-0, Black
- Contact: Brass
- All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
10	14.35	5.08	12.75
12	15.62	6.35	14.02
14	16.89	7.62	15.29
16	18.16	8.89	16.56
18	19.43	10.16	17.83
20	20.70	11.43	19.10
26	24.51	15.24	22.91
30	27.05	17.78	25.45
40	33.40	24.13	31.80
50	39.75	30.48	38.15
60	46.10	36.83	44.50

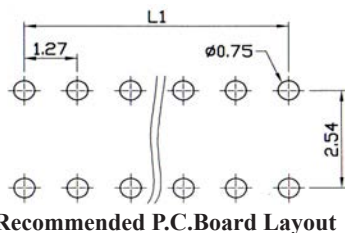
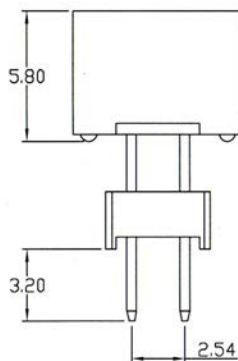
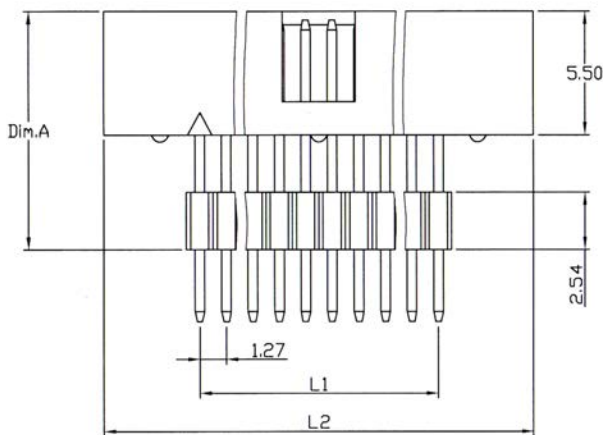
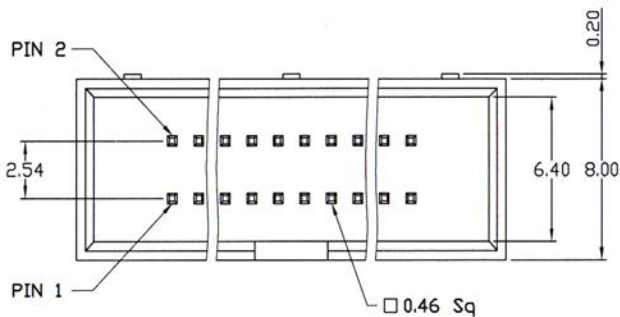
## ORDERING INFORMATION:

P/N 1 2 G 55 - x x x x B - x  
 1 2 3 4

- CONNECTOR TYPE:  
"G55" ELEVATED BOX HEADER
- NO. OF CONTACTS:  
010 ~ 060
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED
- PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE



# 1.27MM x 2.54MM ELEVATED BOX HEADER STRAIGHT TYPE



## SPECIFICATIONS

- Current Rating:** 1.0 Amp
- Dielectric Withstand:** 500V AC
- Insulator Resistance:** 1000 MΩ min.
- Contact Resistance:** 20mΩ Max.
- Operating Temperature:** -40°C to + 105°C

## MATERIALS

- Insulator:** Thermoplastic, UL94V-0 Nylon-6T
- Contacts:** Brass
- All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	L1	L2
20	11.43	20.46
26	15.24	24.30
30	17.78	26.88
34	20.32	29.42
40	24.13	33.30
50	30.48	39.62
60	36.83	45.98
68	41.91	51.10
80	49.53	58.75
100	62.23	71.48

## ORDERING INFORMATION:

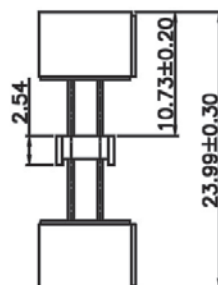
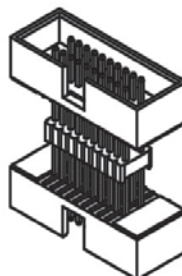
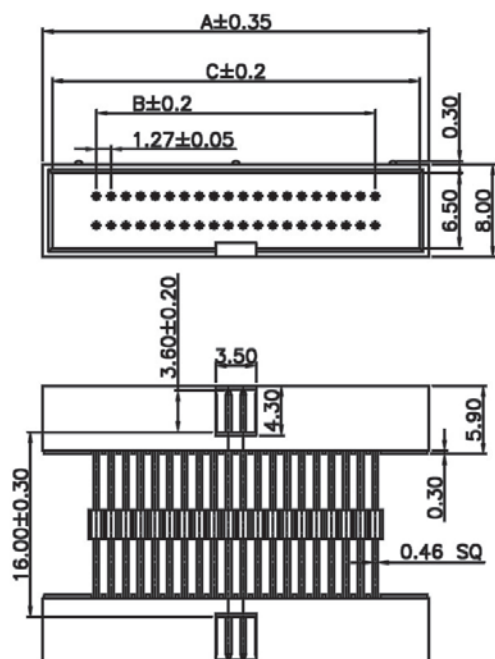
**CODE: 1 4 5 2 S 3 -  $\frac{A}{T} - \frac{X X X X}{2} \frac{B}{3}$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{X X X X X X}{Y Y M M D D} - \frac{X X X X}{2} \frac{B}{3}$**

1. DIMENSION A (UNIT: mm)
2. NO. OF CONTACTS:  
020, 026, 030, 034, 040, 050, 060, 068, 080, 100
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

## 1.27MM x 2.54MM BOX HEADER DOUBLE ROW STACKER TYPE



### SPECIFICATIONS

Current Rating: 1.0 A

Voltage Rating: 100V AC/DC

Contact Resistance: 30mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

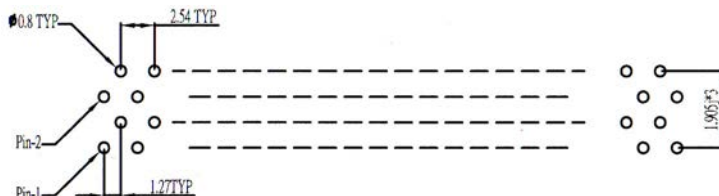
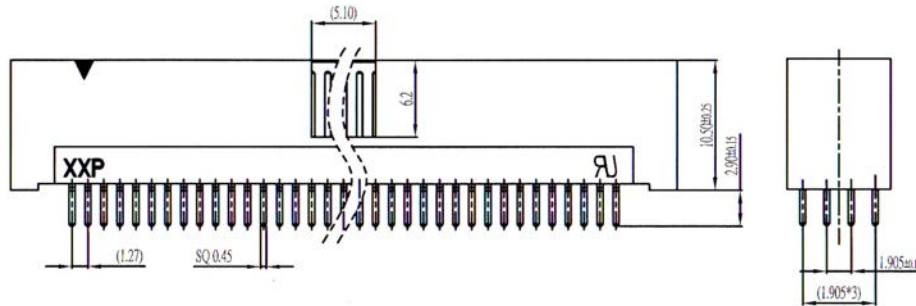
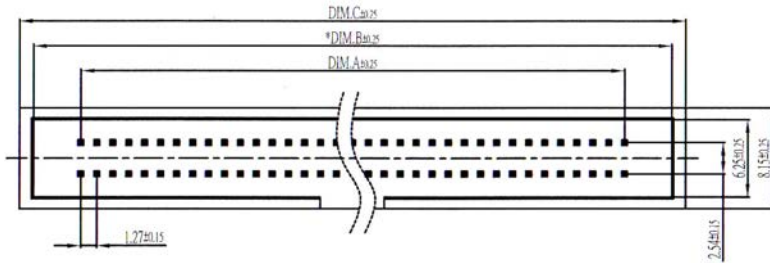
NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
10	14.35	5.08	12.75
12	15.62	6.35	14.02
14	16.89	7.62	15.29
16	18.16	8.89	16.56
18	19.43	10.16	17.83
20	20.70	11.43	19.10
26	24.51	15.24	22.91
30	27.05	17.78	25.45
40	33.40	24.13	31.80
50	39.75	30.48	38.15
60	46.10	36.83	44.50

### ORDERING INFORMATION:

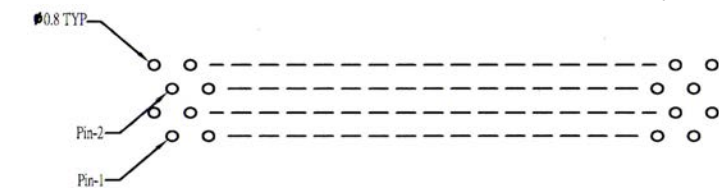
P/N  $1 \frac{2}{1} \frac{G}{2} \frac{56}{3} - \frac{x}{4} \frac{x}{3} \frac{x}{2} \frac{B}{4} - \frac{x}{4}$

- CONNECTOR TYPE:  
"G56" BOARD STACKER TYPE
- NO. OF CONTACTS:  
010 ~ 060
- CONTACT FINISH:  
"G" FULL GOLD PLATED
- PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE

# 1.27MM x 2.54MM BOX HEADER 2 TO 4 ROW STRAIGHT TYPE



10P/26P/30P/34P/50P/70P Recommended P.C.Board Layout



16P/20P/32P/40P/44P/52P/60P/68P/80P/100P Recommended P.C.Board Layout

## SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to + 105°C

## MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
Nylon-6T

**Contacts:** Brass

**All materials must be RoHS compliant.**

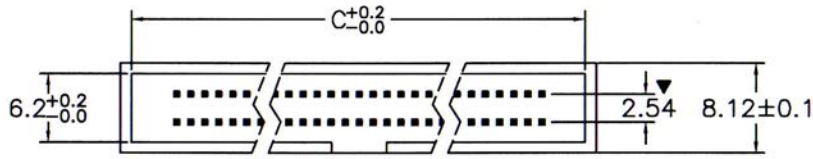
No. of Contacts	Dimensions(mm)		
	DIM. A	DIM. B	DIM. C
10	5.08	12.65	14.85
16	8.89	16.46	18.66
20	11.43	19.00	21.20
26	15.24	22.81	25.01
30	17.78	25.35	27.55
32	19.05	26.62	28.82
34	23.32	27.89	30.09
40	24.13	31.70	33.90
44	26.67	34.24	36.44
50	30.48	38.05	40.25
52	31.75	39.32	41.52
60	36.83	44.40	46.60
68	41.91	49.48	51.68
70	43.18	50.75	52.95
80	49.53	57.10	59.30
100	62.23	69.80	72.00

## ORDERING INFORMATION:

P/N 1 2 C 59 - x x x x B  
1 2 3

1. TERMINAL TYPE:  
"C59" STRAIGHT TYPE
2. NO. OF CONTACTS:  
010, 016, 020, 026, 030, 032, 034, 040,  
044, 050, 052, 060, 068, 070, 080, 100
3. CONTACT FINISH:  
"T" FULL TIN PLATED  
"S" SELECTIVE GOLD PLATED

# 1.27MM x 2.54MM BOX HEADER 2 TO 4 ROW STRAIGHT TYPE

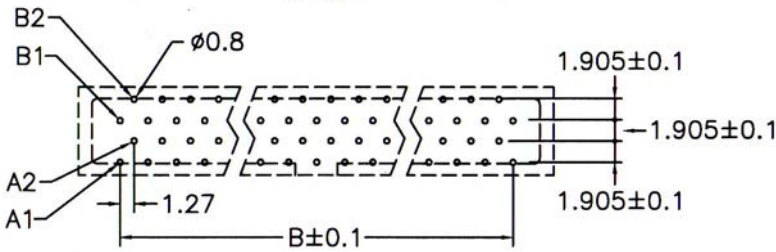
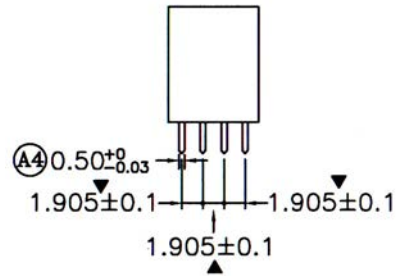
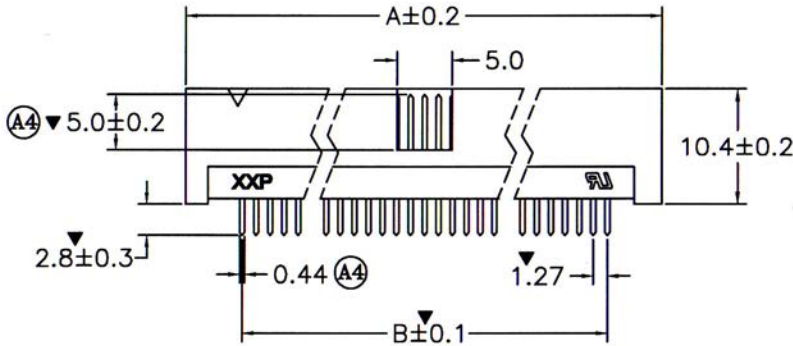


## SPECIFICATIONS

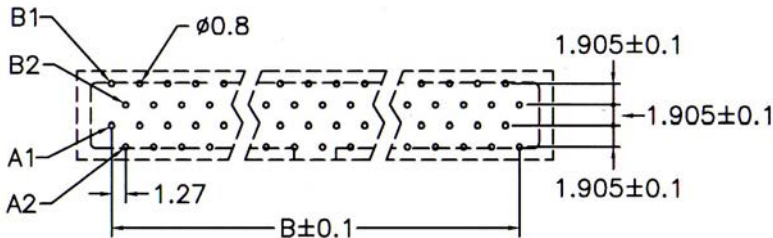
- Current Rating: 1.0 Amp
- Dielectric Withstand: 300V AC
- Insulator Resistance: 1000 MΩ min.
- Contact Resistance: 20mΩ Max.
- Operating Temperature: -40°C to + 105°C

## MATERIALS

- Insulator: Polyester, UL94V-0  
Nylon-6T
- Contacts: Copper Alloy
- All materials must be RoHS compliant.



Recommended P.C.Board Layout (26, 34, 50 Contacts)



Recommended P.C.Board Layout (20, 32, 40, 52, 60, 68, 80, 100 Contacts)

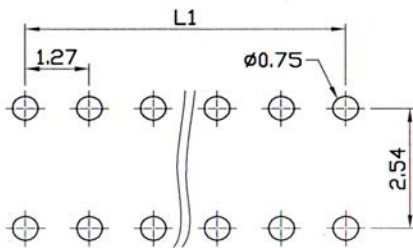
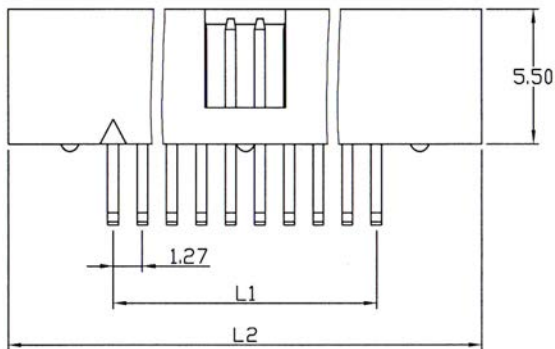
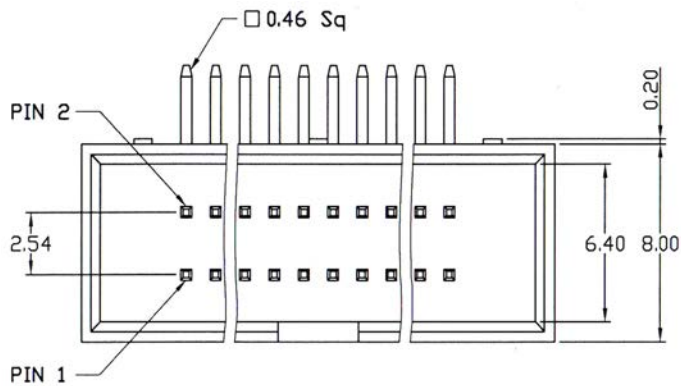
No. of Contacts	Dimensions(mm)		
	A	B	C
20	20.95	11.43	18.75
26	24.76	15.24	22.56
32	28.57	19.05	26.37
34	29.84	20.32	27.64
40	33.65	24.13	31.45
50	40.00	30.48	37.80
52	41.27	31.75	39.07
60	46.35	36.83	44.15
68	51.43	41.91	49.23
80	59.05	49.53	56.85
100	71.75	62.23	69.55

## ORDERING INFORMATION:

P/N 1 2 7 B H -  $\frac{x x x x}{1 \quad 2} B$

- NO. OF CONTACTS:  
020, 026, 032, 034, 040, 050, 052, 060,  
068, 080, 100
- CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED (STANDARD)  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

## 1.27MM x 2.54MM BOX HEADER RIGHT ANGLE TYPE



Recommended P.C.Board Layout

### SPECIFICATIONS

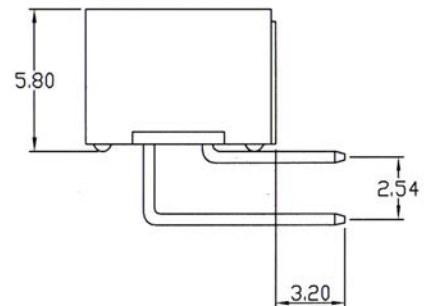
**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T

**Contacts:** Brass

**All materials must be RoHS compliant.**



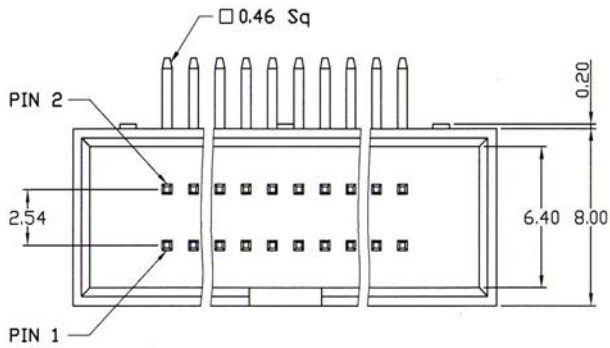
No. of Contacts	Dimensions(mm)	
	L1	L2
20	11.43	20.46
26	15.24	24.30
30	17.78	26.88
34	20.32	29.42
40	24.13	33.30
50	30.48	39.62
60	36.83	45.98
68	41.91	51.10
80	49.53	58.75
100	62.23	71.48

### ORDERING INFORMATION:

P/N 1 2 7 CL - xxx x B  
 1 2 3

- EXTERIOR TYPE:  
"CL" RIGHT ANGLE TYPE
- NO. OF CONTACTS:  
020, 026, 030, 034, 040, 050, 060, 068,  
080, 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED

## 1.27MM x 2.54MM BOX HEADER RIGHT ANGLE TYPE

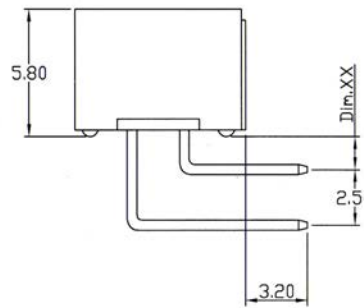
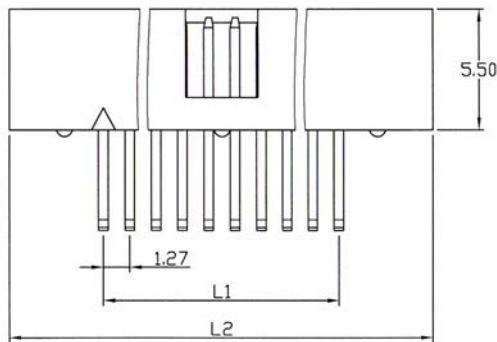


### SPECIFICATIONS

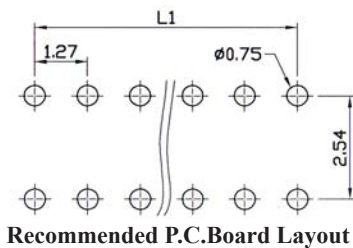
**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**



No. of Contacts	Dimensions(mm)	
	L1	L2
20	11.43	20.46
26	15.24	24.30
30	17.78	26.88
34	20.32	29.42
40	24.13	33.30
50	30.48	39.62
60	36.83	45.98
68	41.91	51.10
80	49.53	58.75
100	62.23	71.48



### ORDERING INFORMATION:

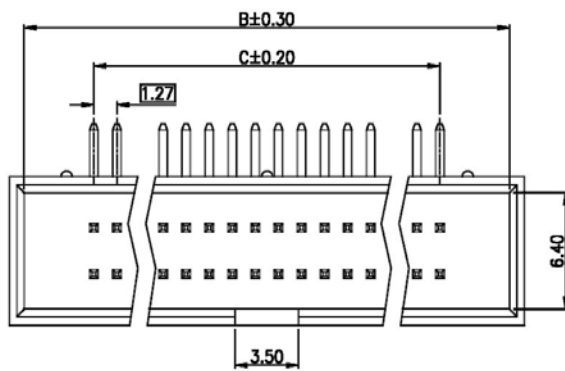
**CODE: 1 4 5 2 R 6 -  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{XX}{YY}$   $\frac{XX}{MM}$   $\frac{XX}{DD}$  X -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

1. DIMENSION XX (UNIT: mm)
2. NO. OF CONTACTS:  
020, 026, 030, 034, 040, 050, 060, 068, 080, 100
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM\*2.54MM BOX HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE WITH 3.5MM KEY H = 5.8MM



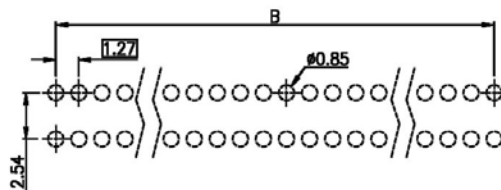
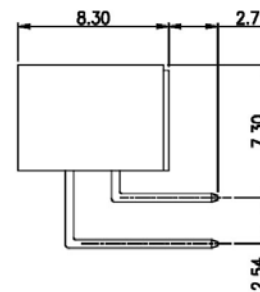
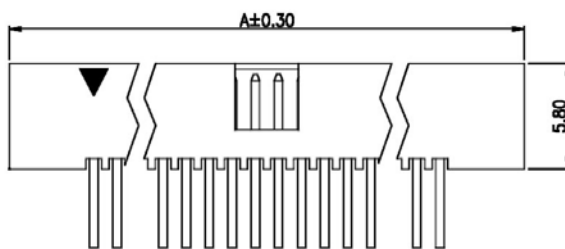
## SPECIFICATIONS

- Rating Current: 1 Ampere Max.
- Insulation Resistance: 1000MΩ Min.
- Dielectric Withstanding: 600V AC
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Housing: Thermoplastic (UL 94V-0), Black
- Terminal: Sq. 0.46mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

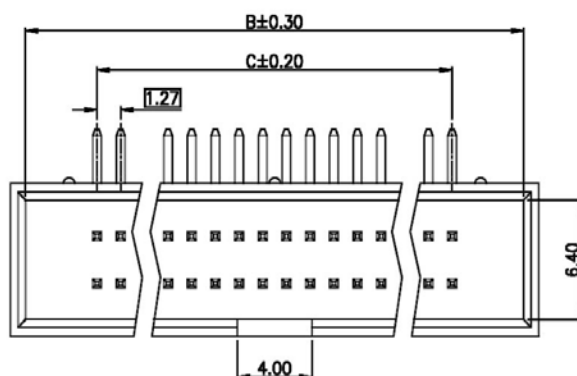
Dimensions			
Pos.	A	B	C
010	14.37	12.77	5.08
016	18.18	16.58	8.89
020	20.72	19.12	11.43
026	24.53	22.93	15.24
030	27.07	25.47	17.78
034	29.61	28.01	20.32
040	33.42	31.82	24.13
044	35.96	34.36	26.67
050	39.77	38.17	30.48
060	46.12	44.52	36.83
068	51.20	49.60	41.91
080	58.82	57.22	49.53
100	71.52	69.92	62.23

## ORDERING INFORMATION:

P/N 1 2 E 2 8 - x x x G B  
1                    2                    3

- HEIGHT & KEY TYPE:  
"E28" H=5.8MM & KEY=3.5MM
- NO. OF CONTACTS:  
008, 010, 020, 026, 030, 034, 040,  
044, 050, 060, 068, 080, 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED

# 1.27MM\*2.54MM BOX HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE WITH 4.0MM KEY H = 5.8MM



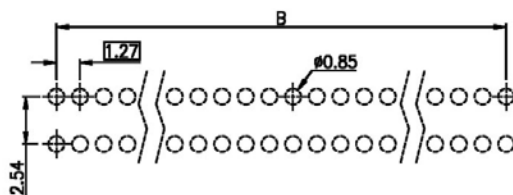
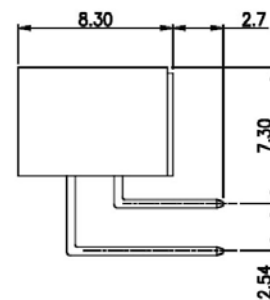
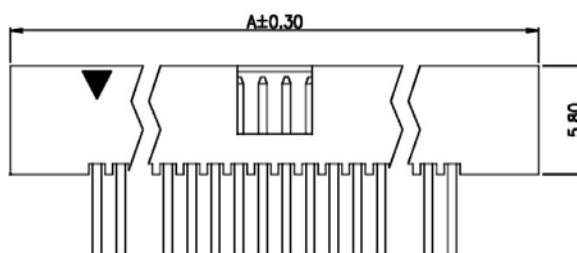
## SPECIFICATIONS

- Rating Current: 1 Ampere Max.
- Insulation Resistance: 1000MΩ Min.
- Dielectric Withstanding: 600V AC
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Housing: Thermoplastic (UL 94V-0), Black
- Terminal: Sq. 0.46mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

Dimensions			
Pos.	A	B	C
010	14.37	12.77	5.08
016	18.18	16.58	8.89
020	20.72	19.12	11.43
026	24.53	22.93	15.24
030	27.07	25.47	17.78
034	29.61	28.01	20.32
040	33.42	31.82	24.13
044	35.96	34.36	26.67
050	39.77	38.17	30.48
060	46.12	44.52	36.83
068	51.20	49.60	41.91
080	58.82	57.22	49.53
100	71.52	69.92	62.23

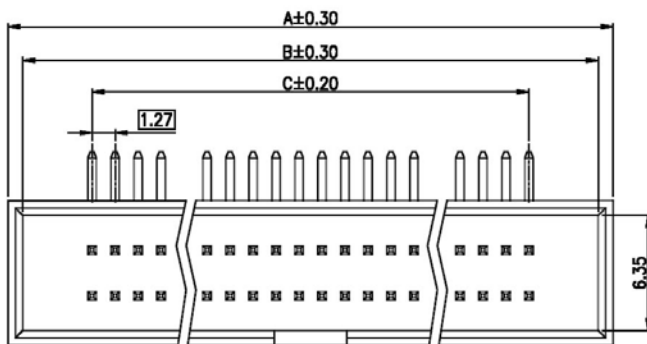
## ORDERING INFORMATION:

P/N 1 2 E 29 - x x x G B  
 1 2 3

- HEIGHT & KEY TYPE:  
"E29" H=5.8MM & KEY=4.0MM
- NO. OF CONTACTS:  
008, 010, 020, 026, 030, 034, 040, 044, 050, 060, 068, 080, 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED



# 1.27MM\*2.54MM BOX HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE WITH 4.0MM KEY H = 7.2MM



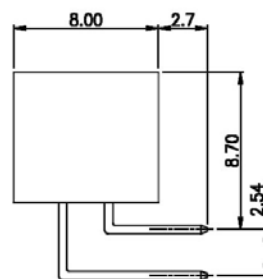
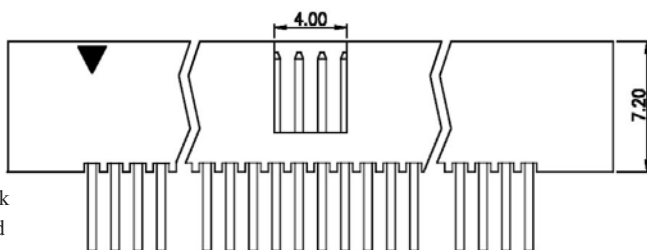
## SPECIFICATIONS

Rating Current: 1 Ampere Max.

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Operating Temperature: -55°C to +105°C

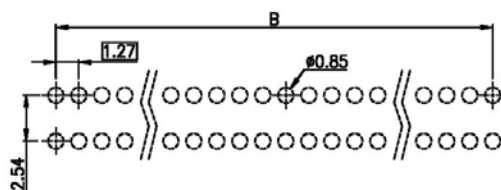


## MATERIALS

Housing: Thermoplastic (UL 94V-0), Black

Terminal: Sq. 0.46mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

Dimensions			
Pos.	A	B	C
008	12.63	11.63	3.81
010	13.90	11.90	5.08
020	20.25	18.25	11.43
026	24.06	22.06	15.24
030	26.60	24.60	17.78
034	29.14	27.14	20.32
040	32.95	30.95	24.13
044	35.49	33.49	26.67
050	39.30	27.30	30.48
060	45.65	33.65	36.83
068	50.73	48.73	41.91
080	58.35	56.35	49.53
100	71.05	69.05	62.23

## ORDERING INFORMATION:

P/N 1 2 E30 - x x x G B

1. HEIGHT & KEY TYPE:

"E30" H=7.2MM & KEY=4.0MM

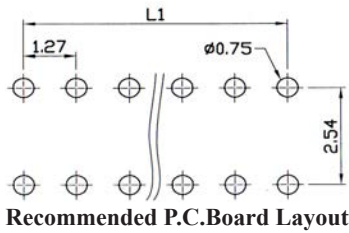
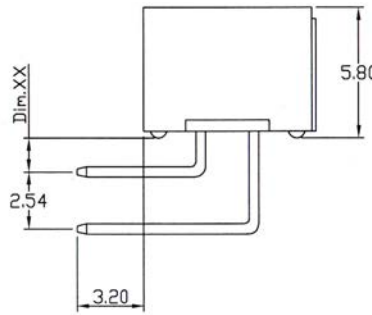
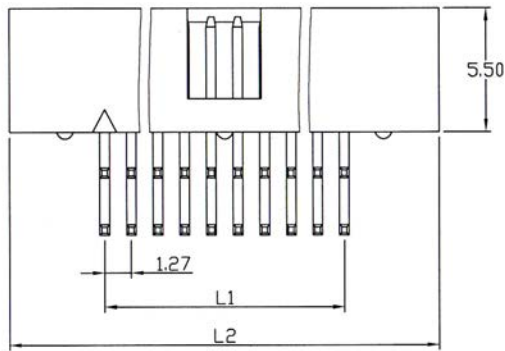
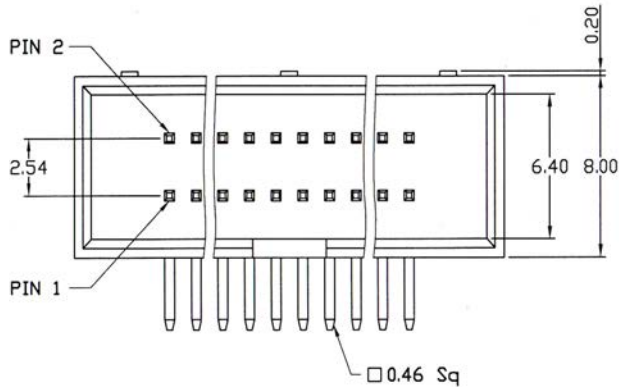
2. NO. OF CONTACTS:

008, 010, 020, 026, 030, 034, 040,  
044, 050, 060, 068, 080, 100

2. CONTACT FINISH:

"G" FULL GOLD PLATED

# 1.27MM x 2.54MM BOX HEADER RIGHT ANGLE TYPE



## SPECIFICATIONS

- Current Rating:** 1.0 Amp
- Dielectric Withstand:** 500V AC
- Insulator Resistance:** 1000 MΩ min.
- Contact Resistance:** 20mΩ Max.
- Operating Temperature:** -40°C to + 105°C

## MATERIALS

- Insulator:** Thermoplastic, UL94V-0 Nylon-6T
- Contacts:** Brass
- All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	L1	L2
20	11.43	20.46
26	15.24	24.30
30	17.78	26.88
34	20.32	29.42
40	24.13	33.30
50	30.48	39.62
60	36.83	45.98
68	41.91	51.10
80	49.53	58.75
100	62.23	71.48

## ORDERING INFORMATION:

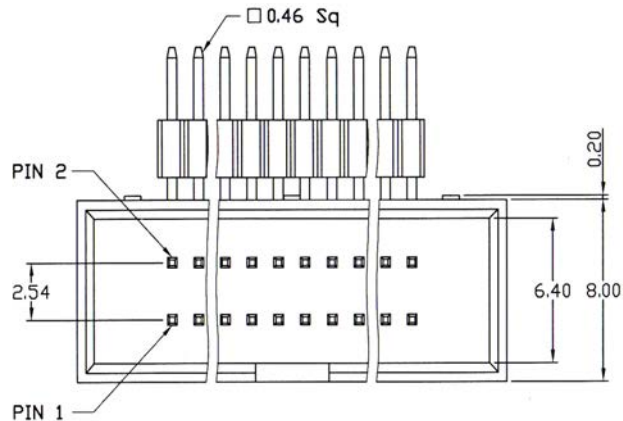
**CODE: 1 4 5 2 D 6 -  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{XX}{YY}$   $\frac{XXX}{MM}$   $\frac{XX}{DD}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

1. DIMENSION XX (UNIT: mm)
2. NO. OF CONTACTS:  
020, 026, 030, 034, 040, 050, 060, 068, 080, 100
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 1.27MM x 2.54MM BOX HEADER RIGHT ANGLE TYPE

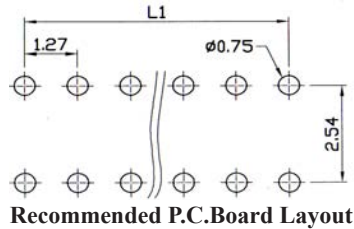
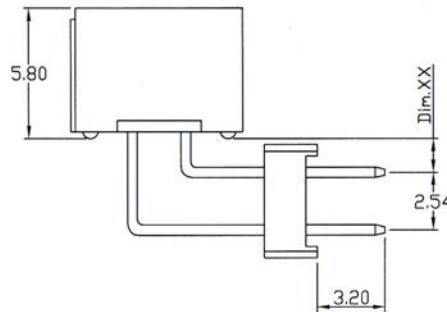
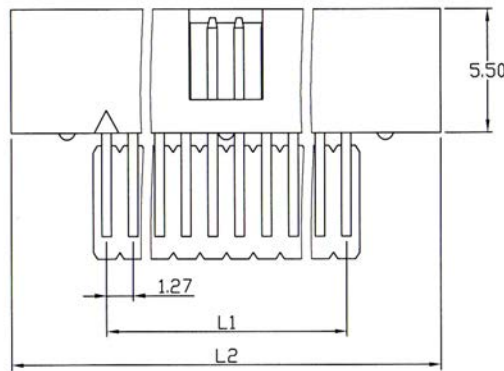


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**



No. of Contacts	Dimensions(mm)	
	L1	L2
20	11.43	20.46
26	15.24	24.30
30	17.78	26.88
34	20.32	29.42
40	24.13	33.30
50	30.48	39.62
60	36.83	45.98
68	41.91	51.10
80	49.53	58.75
100	62.23	71.48

### ORDERING INFORMATION:

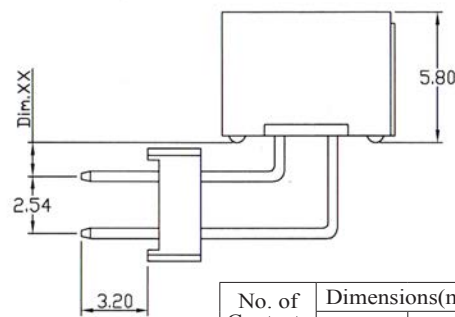
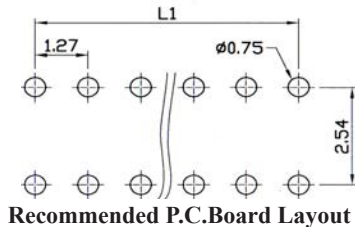
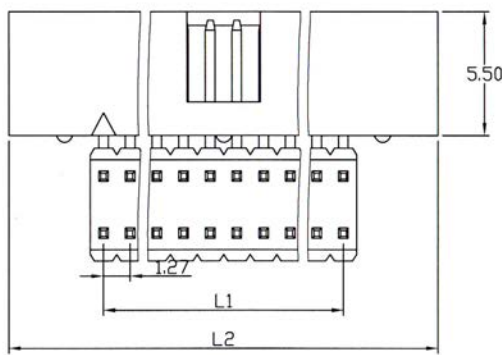
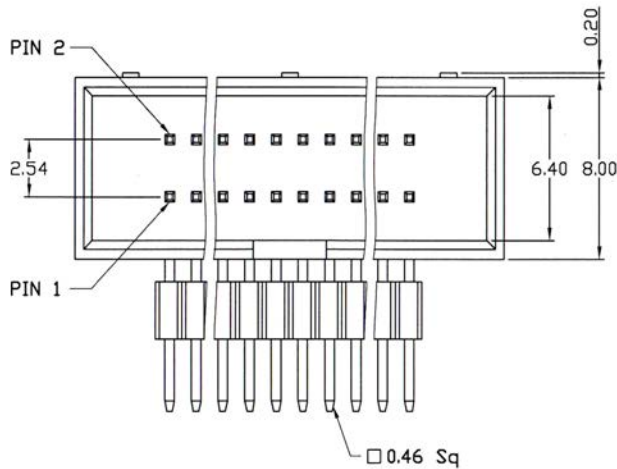
**CODE: 1 4 5 2 R 8 -  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{XX}{YY}$   $\frac{XXX}{MM}$   $\frac{XXX}{DD}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

1. DIMENSION XX (UNIT: mm)
2. NO. OF CONTACTS:  
020, 026, 030, 034, 040, 050, 060, 068, 080, 100
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM x 2.54MM BOX HEADER RIGHT ANGLE TYPE



## SPECIFICATIONS

- Current Rating: 1.0 Amp
- Dielectric Withstand: 500V AC
- Insulator Resistance: 1000 MΩ min.
- Contact Resistance: 20mΩ Max.
- Operating Temperature: -40°C to + 105°C

## MATERIALS

- Insulator: Thermoplastic, UL94V-0 Nylon-6T
- Contacts: Brass
- All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
20	11.43	20.46
26	15.24	24.30
30	17.78	26.88
34	20.32	29.42
40	24.13	33.30
50	30.48	39.62
60	36.83	45.98
68	41.91	51.10
80	49.53	58.75
100	62.23	71.48

## ORDERING INFORMATION:

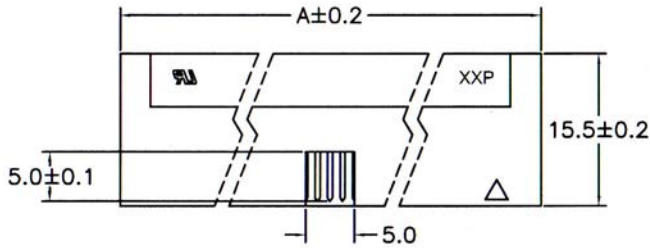
CODE: 1 4 5 2 D 8 -  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{XX}{YY}$   $\frac{XXX}{MM}$   $\frac{XX}{DD}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

1. DIMENSION XX (UNIT: mm)
2. NO. OF CONTACTS:  
020, 026, 030, 034, 040, 050, 060, 068, 080, 100
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM x 2.54MM BOX HEADER 2 TO 4 ROW RIGHT ANGLE TYPE

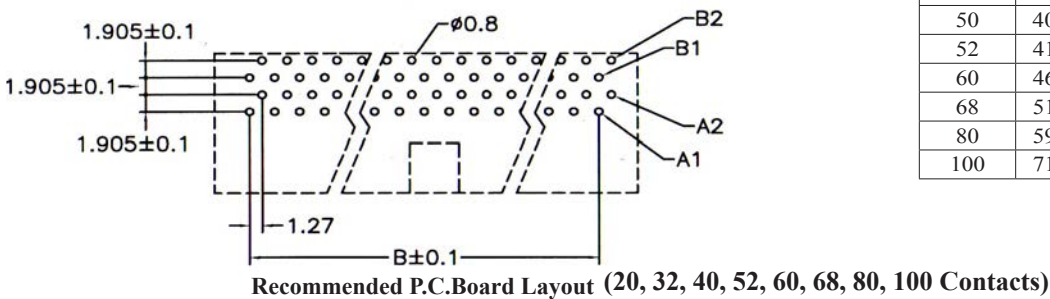
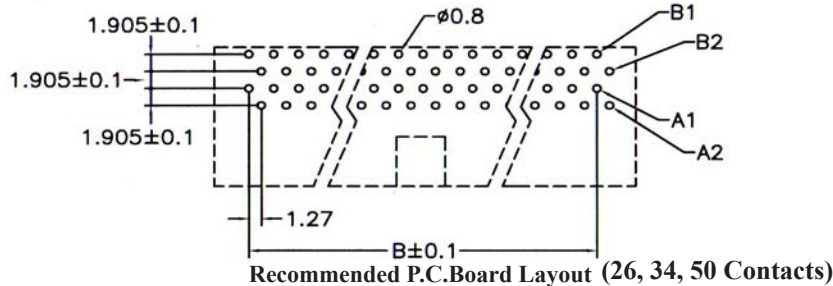
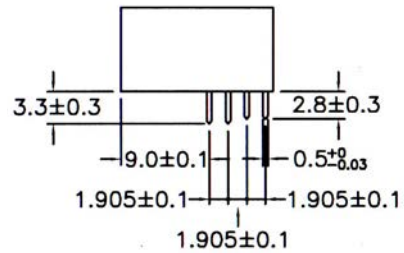
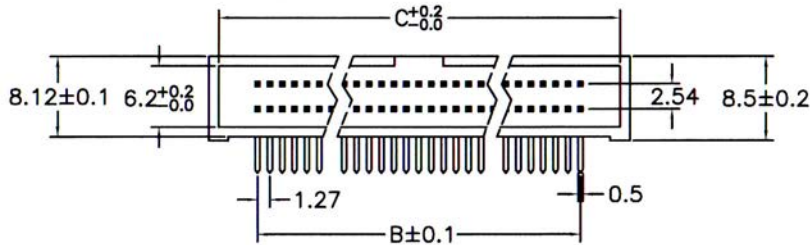


## SPECIFICATIONS

- Current Rating: 1.0 Amp
- Dielectric Withstand: 300V AC
- Insulator Resistance: 1000 MΩ min.
- Contact Resistance: 20mΩ Max.
- Operating Temperature: -40°C to + 105°C

## MATERIALS

- Insulator: Polyester, UL94V-0  
Nylon-6T
- Contacts: Copper Alloy
- All materials must be RoHS compliant.



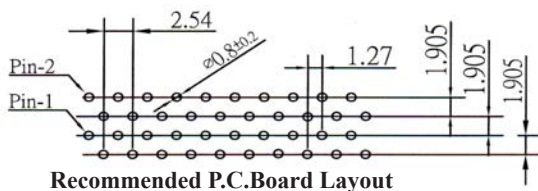
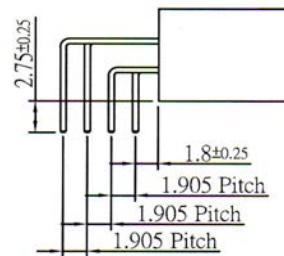
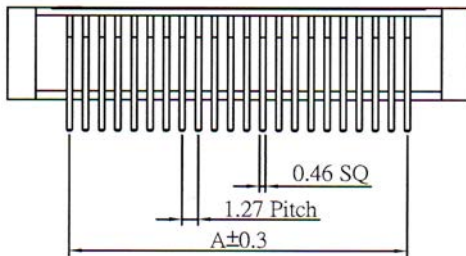
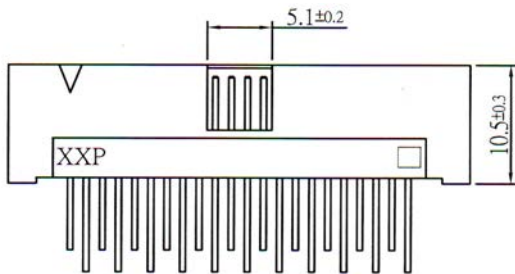
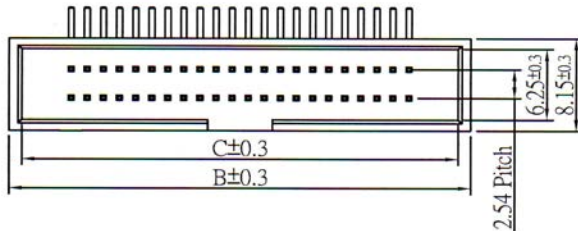
No. of Contacts	Dimensions(mm)		
	A	B	C
20	20.95	11.43	18.75
26	24.76	15.24	22.56
32	28.57	19.05	26.37
34	29.84	20.32	27.64
40	33.65	24.13	31.45
50	40.00	30.48	37.80
52	41.27	31.75	39.07
60	46.35	36.83	44.15
68	51.43	41.91	49.23
80	59.05	49.53	56.85
100	71.75	62.23	69.55

## ORDERING INFORMATION:

P/N 1 2 7 B J -  $\frac{x x x}{1} \frac{x}{2}$  B

- NO. OF CONTACTS:  
020, 026, 032, 034, 040, 050, 052, 060,  
068, 080, 100
- CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED (STANDARD)  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

# 1.27MM x 2.54MM BOX HEADER 2 TO 4 ROW RIGHT ANGLE TYPE



## SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to + 105°C

## MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
P.B.T

**Contacts:** Brass

**All materials must be RoHS compliant.**

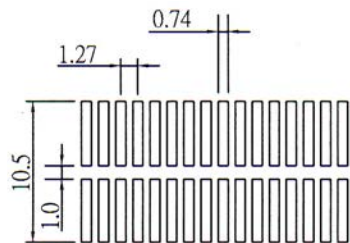
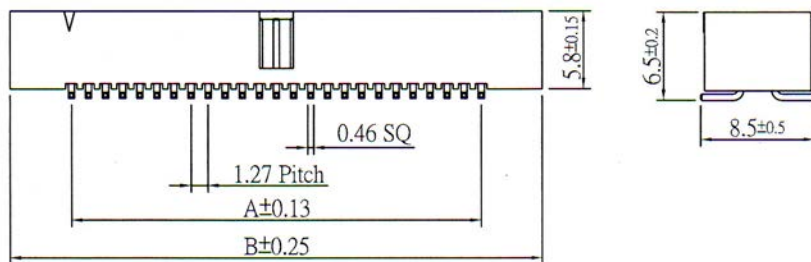
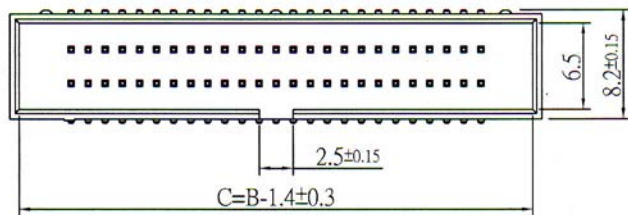
No. of Contacts	Dimensions(mm)		
	A	B	C
16	8.89	18.66	16.46
20	11.43	21.20	19.00
32	19.05	28.82	26.62
40	24.13	33.90	31.70
44	26.67	36.44	34.24
52	31.75	41.52	39.32
60	36.83	46.60	44.40
68	41.91	51.68	49.48
80	49.53	59.30	57.10
100	62.23	72.00	69.80

## ORDERING INFORMATION:

P/N 1 2 C 6 0 - x x x x B

1. TERMINAL TYPE:  
"C60" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
016, 020, 032, 040, 044, 052, 060, 068,  
080, 100
3. CONTACT FINISH:  
"T" FULL TIN PLATED  
"S" SELECTIVE GOLD PLATED

# 1.27MM x 2.54MM BOX HEADER DOUBLE ROW SMT TYPE



Recommended P.C.Board Layout

## SPECIFICATIONS

- Current Rating: 1.0 Amp
- Dielectric Withstand: 500V AC
- Insulator Resistance: 5000 MΩ min.
- Contact Resistance: 20mΩ Max.
- Operating Temperature: -40°C to + 105°C

## MATERIALS

- Insulator: Polyester, UL94V-0  
Nylon-6T
- Contacts: Brass
- All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
08	3.81	13.10
10	5.08	14.37
20	11.43	20.72
26	15.24	24.53
30	17.78	27.07
34	20.32	29.61
40	24.13	33.42
44	26.67	35.96
50	30.48	39.77
60	36.83	46.12
68	41.91	51.20
80	49.53	58.82
100	62.23	71.52

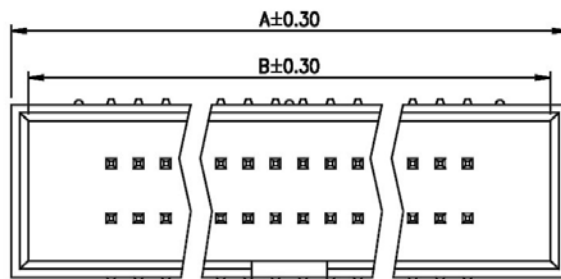
## ORDERING INFORMATION:

P/N 1 2 7 B D -  $\frac{x}{1} \frac{x}{2} \frac{x}{3} B - \frac{x}{3}$

- NO. OF CONTACTS:  
008, 010, 020, 026, 030, 034, 040, 044,  
050, 060, 068, 080, 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED
- PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE

NOTE: PAD = PICK & PLACE PAD

# 1.27MM\*2.54MM BOX HEADER DOUBLE ROW SMT TYPE WITH 3.5MM KEY H = 5.8MM

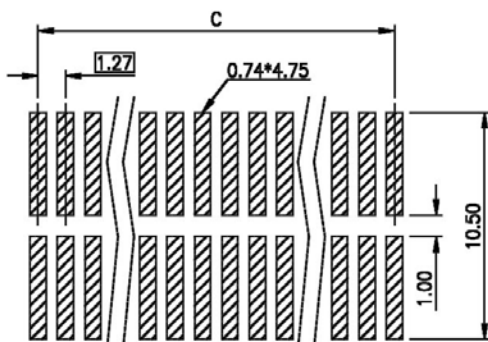
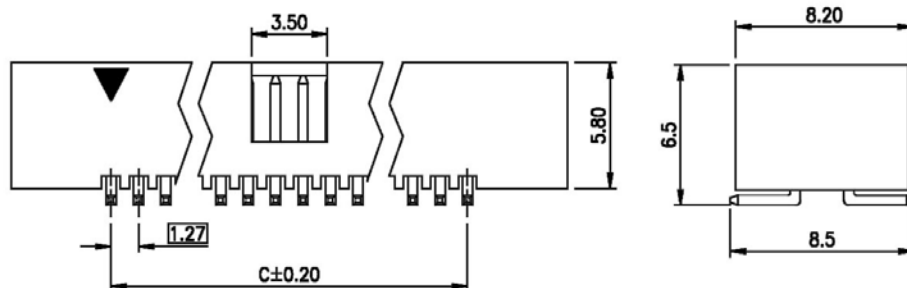


## SPECIFICATIONS

- Rating Current: 1 Ampere Max.
- Insulation Resistance: 1000MΩ Min.
- Dielectric Withstanding: 600V AC
- Operating Temperature: -55°C to +105°C

## MATERIALS

- Housing: Nylon 6T (UL 94V-0), Black
- Terminal: Sq. 0.46mm Copper Alloy, Gold Plating
- \* RoHS & REACH compliant.



Recommended P.C.Board Layout

Dimensions			
Pos.	A	B	C
010	14.37	12.77	5.08
016	18.18	16.58	8.89
020	20.72	19.12	11.43
026	24.53	22.93	15.24
030	27.07	25.47	17.78
034	29.61	28.01	20.32
040	33.42	31.82	24.13
044	35.96	34.36	26.67
050	39.77	38.17	30.48
060	46.12	44.52	36.83
068	51.20	49.60	41.91
080	58.82	57.22	49.53
100	71.52	69.92	62.23

## ORDERING INFORMATION:

P/N 1 2 E 3 1 - x x x G B - x  
1 2 3 4

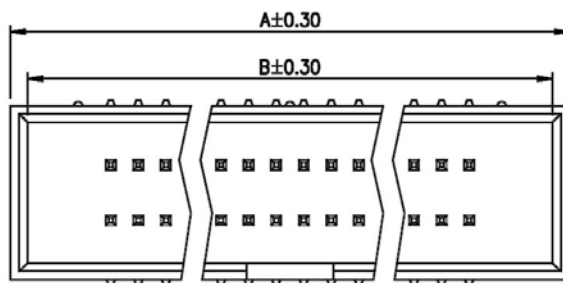
- HEIGHT & KEY TYPE:  
"E31" H=5.8MM & KEY=3.5MM
- NO. OF CONTACTS:  
008, 010, 020, 026, 030, 034, 040,  
044, 050, 060, 068, 080, 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED

- PAD & PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD



# 1.27MM\*2.54MM BOX HEADER DOUBLE ROW SMT TYPE WITH 4.0MM KEY H = 5.8MM



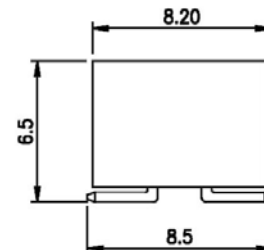
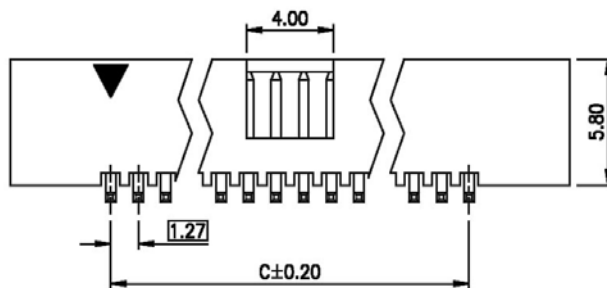
## SPECIFICATIONS

Rating Current: 1 Ampere Max.

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Operating Temperature: -55°C to +105°C

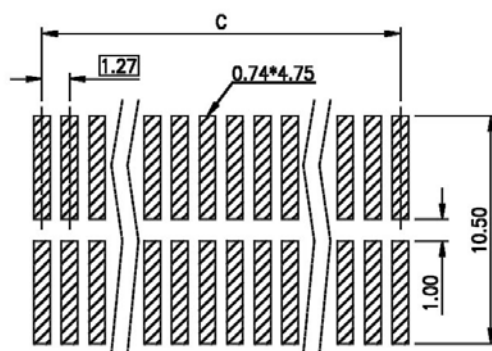


## MATERIALS

Housing: Nylon 6T (UL 94V-0), Black

Terminal: Sq. 0.46mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

Dimensions			
Pos.	A	B	C
010	14.37	12.77	5.08
016	18.18	16.58	8.89
020	20.72	19.12	11.43
026	24.53	22.93	15.24
030	27.07	25.47	17.78
034	29.61	28.01	20.32
040	33.42	31.82	24.13
044	35.96	34.36	26.67
050	39.77	38.17	30.48
060	46.12	44.52	36.83
068	51.20	49.60	41.91
080	58.82	57.22	49.53
100	71.52	69.92	62.23

## ORDERING INFORMATION:

P/N  $\frac{1}{1}$   $\frac{2}{2}$   $\frac{E32}{3}$  -  $\frac{xxx}{4}$   $\frac{GB}{4}$  -  $\frac{x}{4}$

1. HEIGHT & KEY TYPE:

"E32" H=5.8MM & KEY=4.0MM

2. NO. OF CONTACTS:

008, 010, 020, 026, 030, 034, 040, 044, 050, 060, 068, 080, 100

3. CONTACT FINISH:

"G" FULL GOLD PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

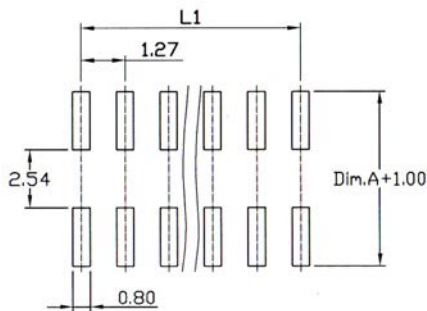
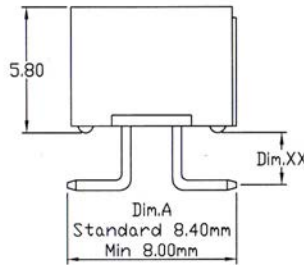
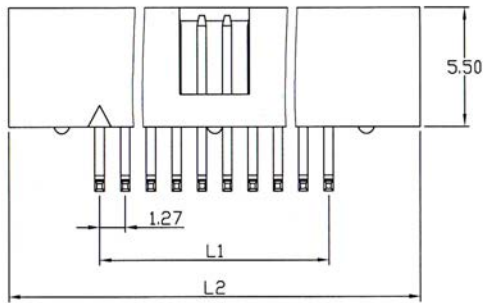
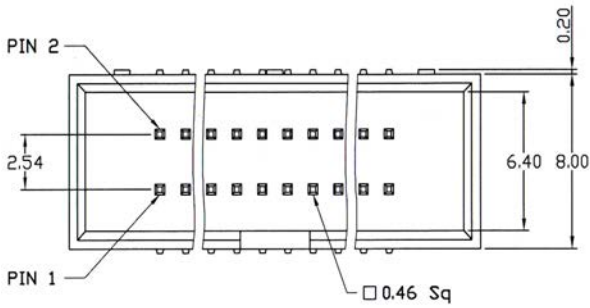
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

# 1.27MM x 2.54MM BOX HEADER DOUBLE ROW SMT TYPE



Recommended P.C.Board Layout

## SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

## MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	L1	L2
20	11.43	20.46
26	15.24	24.30
30	17.78	26.88
34	20.32	29.42
40	24.13	33.30
50	30.48	39.62
60	36.83	45.98
68	41.91	51.10
80	49.53	58.75
100	62.23	71.48

## ORDERING INFORMATION:

**CODE: 1 4 5 2 M 1 -  $\frac{A}{X X} - \frac{x x x x}{2 3} B - \frac{x}{4}$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

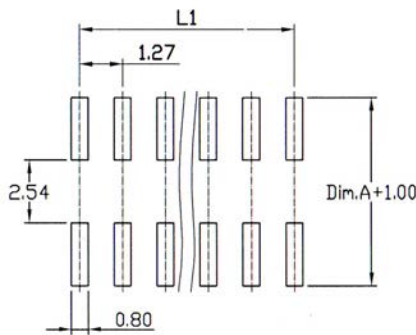
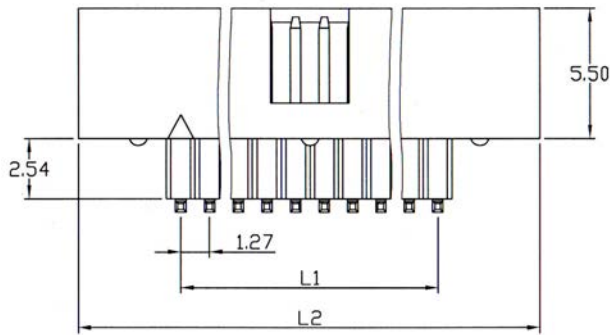
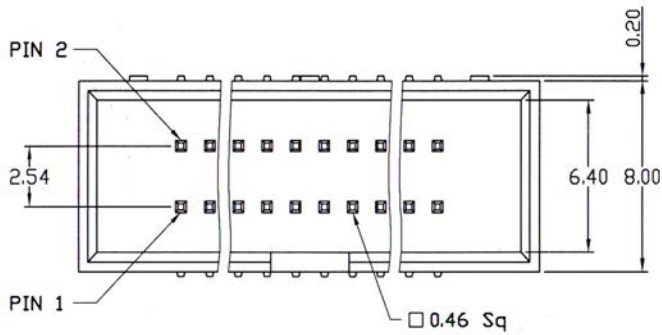
**P/N P  $\frac{x x x x x x x}{Y Y M M D D} - \frac{x x x x}{2 3} B$**

1. DIMENSION A/XX (UNIT: mm)
2. NO. OF CONTACTS:  
020, 026, 030, 034, 040, 050, 060, 068, 080, 100
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

4. PAD & PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 1.27MM x 2.54MM ELEVATED BOX HEADERS SMT TYPE



Recommended P.C.Board Layout

### SPECIFICATIONS

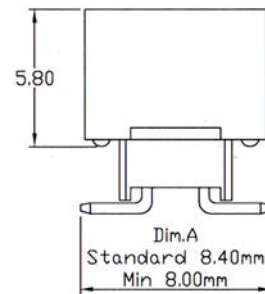
**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T

**Contacts:** Brass

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	L1	L2
20	11.43	20.46
26	15.24	24.30
30	17.78	26.88
34	20.32	29.42
40	24.13	33.30
50	30.48	39.62
60	36.83	45.98
68	41.91	51.10
80	49.53	58.75
100	62.23	71.48

### ORDERING INFORMATION:

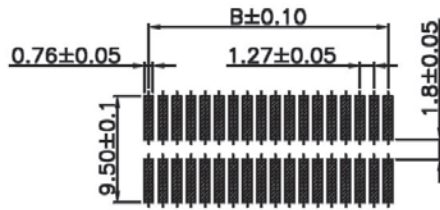
P/N 1 2 7  $\frac{B}{1} \frac{W}{2} - \frac{x}{3} \frac{x}{3} \frac{x}{3} \frac{B}{4} - \frac{x}{4}$

- EXTERIOR TYPE:  
"BW" WITH ELEVATION A=8.40MM
- NO. OF CONTACTS:  
020, 026, 030, 034, 040, 050, 060, 068,  
080, 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED

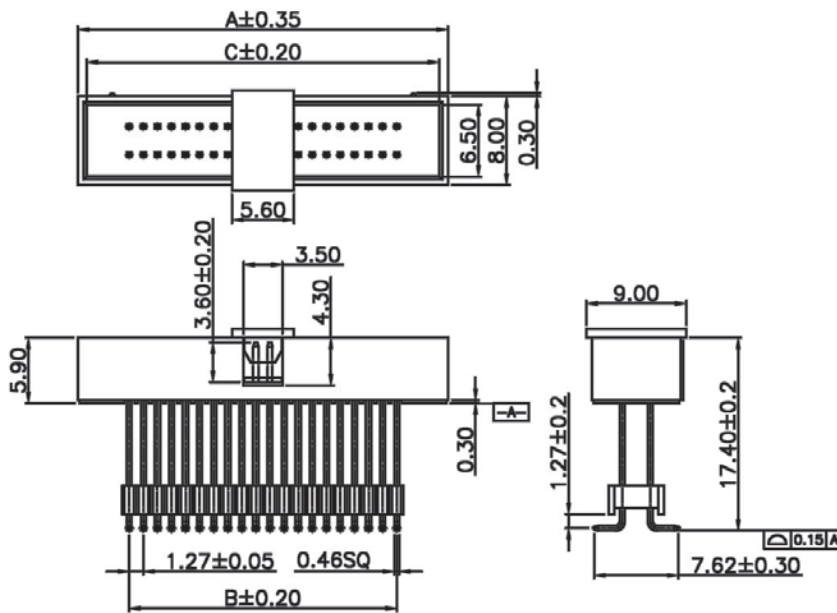
- PAD & PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

# 1.27MM x 2.54MM BOX HEADER DOUBLE ROW SMT TYPE



Recommended P.C.Board Layout



## SPECIFICATIONS

- Current Rating: 3.0 A
- Voltage Rating: 100V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

## MATERIALS

- Insulator: NY6T UL94V-0, Black
- Contact: Brass
- All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
10	14.35	5.08	12.75
12	15.62	6.35	14.02
14	16.89	7.62	15.29
16	18.16	8.89	16.56
18	19.43	10.16	17.83
20	20.70	11.43	19.10
26	24.51	15.24	22.91
30	27.05	17.78	25.45
40	33.40	24.13	31.80
50	39.75	30.48	38.15
60	46.10	36.83	44.50

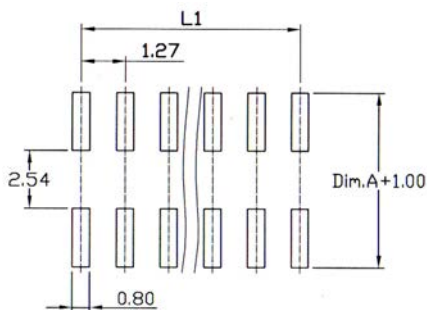
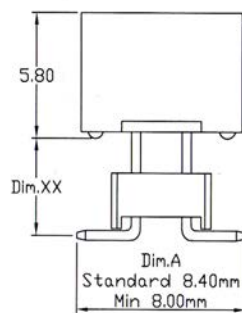
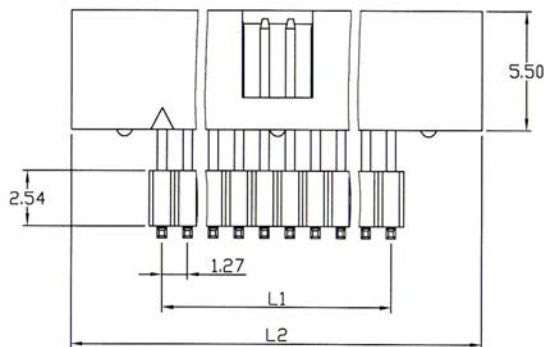
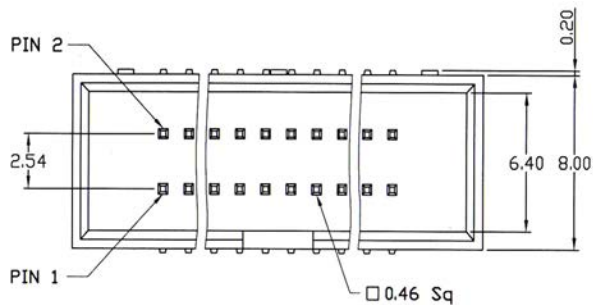
## ORDERING INFORMATION:

P/N  $1 \frac{2}{1} \frac{G}{2} \frac{57}{3} - \frac{x}{3} \frac{x}{3} \frac{x}{3} \frac{B}{4} - \frac{x}{4}$

1. LOCATING PEG OPTION:  
"G57" WITHOUT LOCATING PEGS
2. NO. OF CONTACTS:  
010 ~ 060
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED
4. PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 1.27MM x 2.54MM ELEVATED BOX HEADER SMT TYPE



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	L1	L2
20	11.43	20.46
26	15.24	24.30
30	17.78	26.88
34	20.32	29.42
40	24.13	33.30
50	30.48	39.62
60	36.83	45.98
68	41.91	51.10
80	49.53	58.75
100	62.23	71.48

### ORDERING INFORMATION:

**CODE: 1 4 5 2 M 5 -  $\frac{A}{X X} - \frac{x x x x}{2 3} B - \frac{x}{4}$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

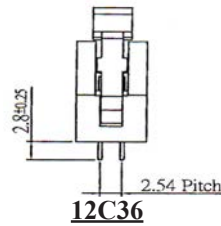
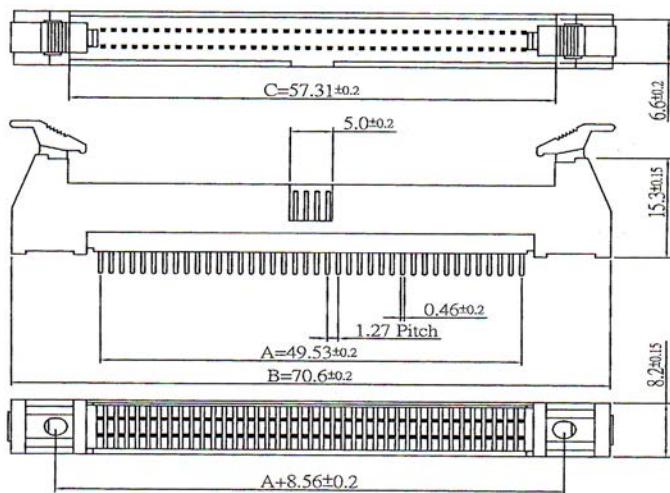
**P/N P  $\frac{x x x x x x x}{Y Y M M D D} - \frac{x x x x}{2 3} B$**

1. DIMENSION A/XX (UNIT: mm)
2. NO. OF CONTACTS:  
020, 026, 030, 034, 040, 050, 060, 068, 080, 100
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

4. PAD & PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 1.27MM x 2.54MM SHROUDED HEADER DOUBLE ROW TYPE



### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 300V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

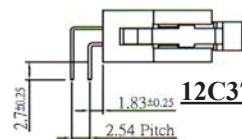
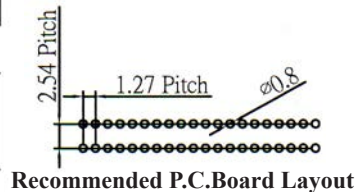
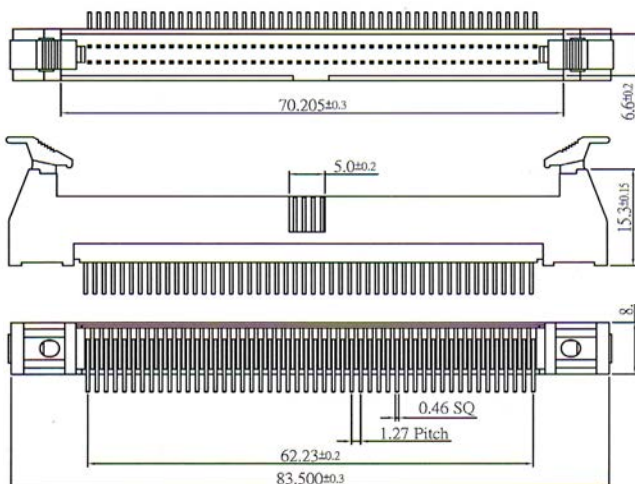
### MATERIALS

Insulator: Polyester, UL94V-0

P.B.T

Contacts: Brass

All materials must be RoHS compliant.



### 12C36

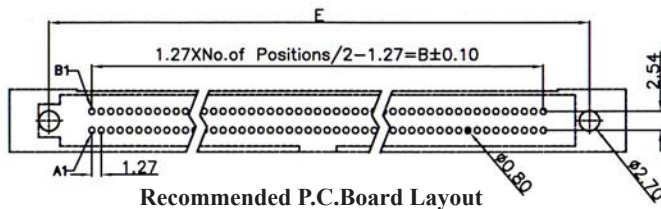
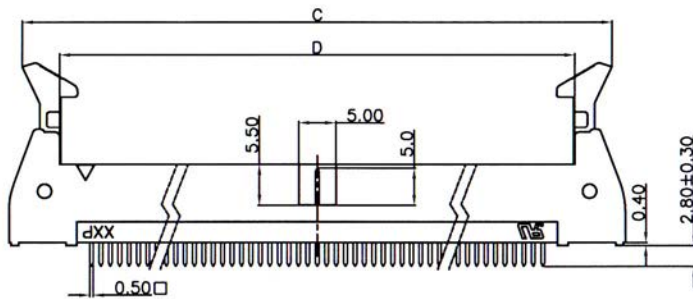
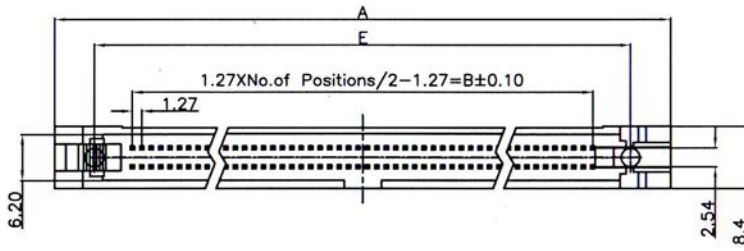
No. of Contacts	Dimensions(mm)		
	A	B	C
10	5.08	26.15	12.86
16	8.89	29.96	16.67
20	11.43	32.50	19.21
26	15.24	36.31	23.02
30	17.78	38.85	25.56
34	20.32	41.39	28.10
40	24.13	45.20	31.91
44	26.67	47.74	34.45
50	30.48	51.55	38.26
60	36.83	57.90	44.61
68	41.91	62.98	48.96
70	43.18	64.25	50.96
80	49.53	70.60	57.31
100	62.23	83.30	70.01

### ORDERING INFORMATION:

P/N 1 2 C xx - xx xx x B

1. TERMINAL TYPE:  
"C36" STRAIGHT TYPE  
"C37" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
010, 016, 020, 026, 030, 034, 040, 044,  
050, 060, 068, 070, 080, 100
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

# 1.27MM x 2.54MM SHROUDED HEADER DOUBLE ROW STRAIGHT TYPE



## SPECIFICATIONS

Current Rating: 0.5 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -55°C to + 105°C

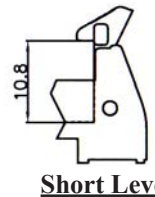
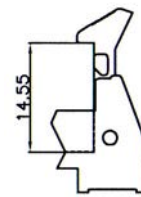
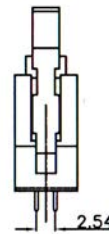
## MATERIALS

Insulator: Glass, UL94V-0

P.B.T

Contacts: Brass

All materials must be RoHS compliant.



Long Lever

Short Lever

No. of Contacts	Dimensions(mm)				
	A	B±0.10	C	D	E
20	32.36	11.43	29.35	18.75	21.59
26	36.18	15.24	33.16	22.56	25.40
32	39.98	19.05	36.97	26.37	29.21
34	41.25	20.32	38.24	27.64	30.48
40	45.06	24.13	42.05	31.45	34.29
50	51.41	30.48	48.40	37.80	40.64
52	52.68	31.75	49.67	39.07	41.91
60	57.76	36.83	54.75	44.15	46.99
68	62.84	41.91	59.83	49.23	52.07
80	70.46	49.53	67.45	56.85	59.69
100	83.16	62.23	80.25	69.55	72.39

## ORDERING INFORMATION:

P/N 1 2 7 xx - xxx S B

### 1. LEVER TYPE:

"SF" WITH LONG LEVERS

"XR" WITH SHORT LEVERS

"XS" WITHOUT LEVERS

### 2. NO. OF CONTACTS:

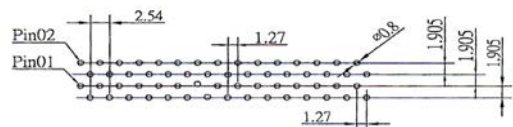
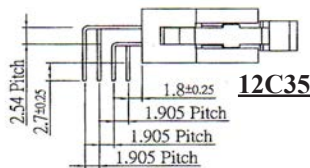
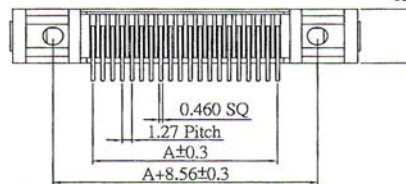
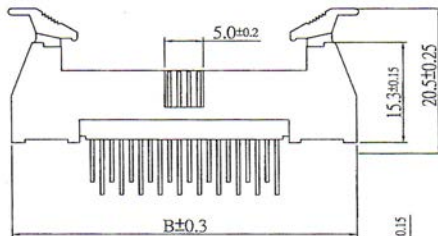
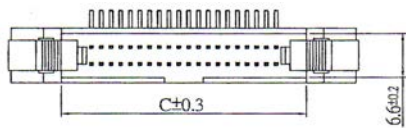
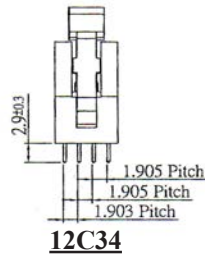
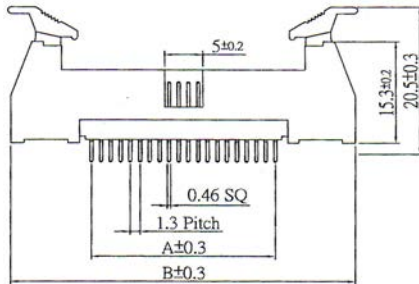
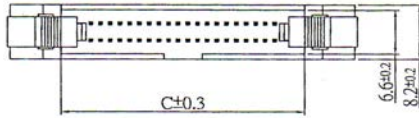
020, 026, 032, 034, 040, 050, 052, 060,

068, 080, 100

### 3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

## 1.27MM x 2.54MM SHROUDED HEADER 2 TO 4 ROW TYPE (SHORT LATCH)



Recommended P.C. Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 300V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester, UL94V-0

P.B.T

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
16	8.89	29.96	16.67
20	11.43	32.50	19.21
40	24.13	45.20	31.91
44	26.67	47.74	34.45
60	36.83	57.90	44.61
80	49.53	70.60	57.31
100	62.23	83.30	70.01

### ORDERING INFORMATION:

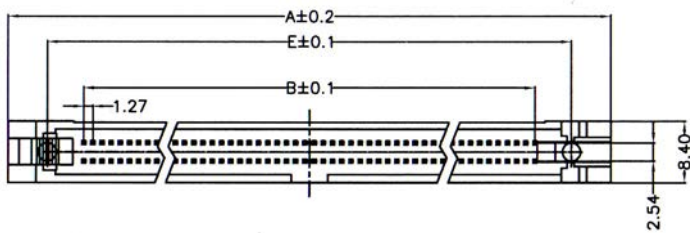
P/N 1 2 C X X - X X X X B

1. TERMINAL TYPE:  
"C34" STRAIGHT TYPE  
"C35" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
016, 020, 040, 044, 060, 080, 100
3. CONTACT FINISH:  
"G" FULL GOLD PLATED (FOR 12C35)  
"S" SELECTIVE GOLD PLATED (FOR 12C34)

NOTE: MATES WITH 127DA & 127DB



# 1.27MM x 2.54MM SHROUDED HEADER 2 TO 4 ROW STRAIGHT TYPE

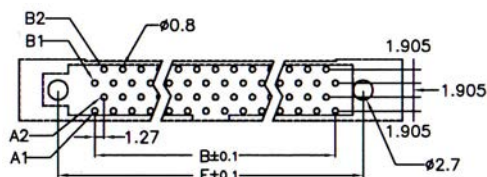
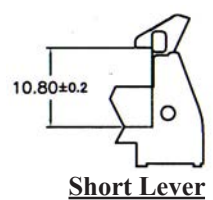
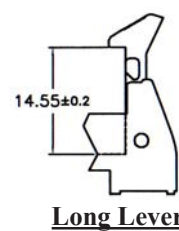
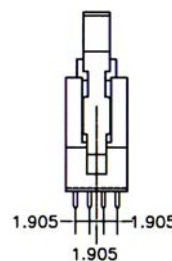
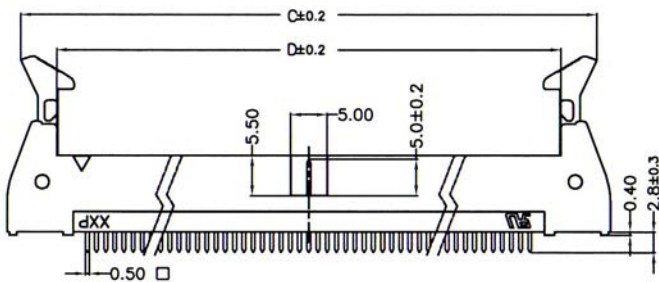


## SPECIFICATIONS

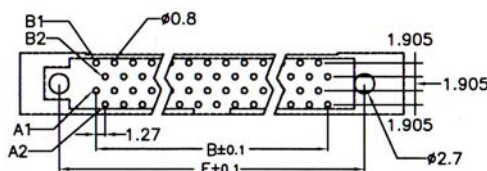
- Current Rating: 0.5 Amp
- Dielectric Withstand: 500V AC
- Insulator Resistance: 5000 MΩ min.
- Contact Resistance: 20mΩ Max.
- Operating Temperature: -55°C to + 105°C

## MATERIALS

- Insulator: Glass, UL94V-0  
P.B.T
- Contacts: Brass
- All materials must be RoHS compliant.



Recommended P.C.Board Layout (26, 34, 50 Contacts)



Recommended P.C.Board Layout (20, 32, 40, 52, 60, 68, 80, 100 Contacts)

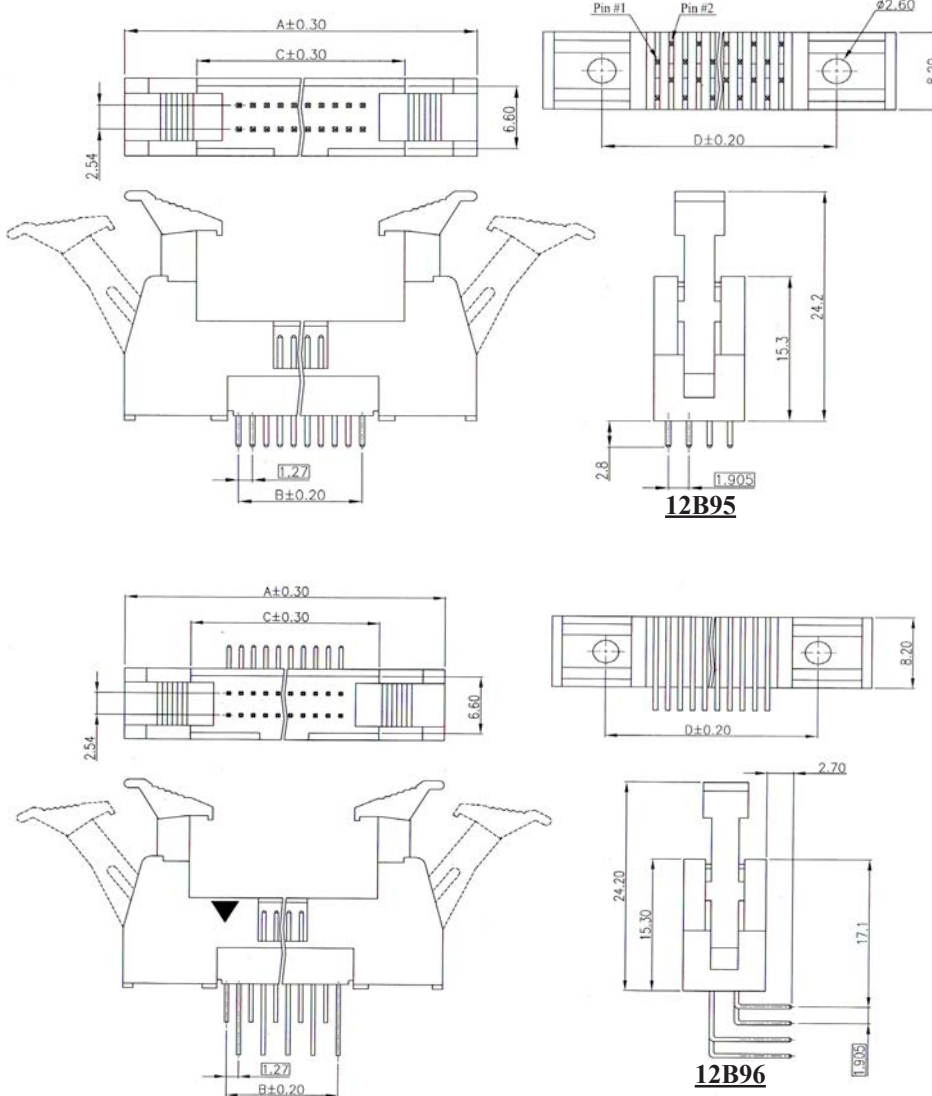
No. of Contacts	Dimensions(mm)				
	A	B±0.10	C	D	E
20	32.36	11.43	29.35	18.75	21.59
26	36.18	15.24	33.16	22.56	25.40
32	39.98	19.05	36.97	26.37	29.21
34	41.25	20.32	38.24	27.64	30.48
40	45.06	24.13	42.05	31.45	34.29
50	51.41	30.48	48.40	37.80	40.64
52	52.68	31.75	49.67	39.07	41.91
60	57.76	36.83	54.75	44.15	46.99
68	62.84	41.91	59.83	49.23	52.07
80	70.46	49.53	67.45	56.85	59.69
100	83.16	62.23	80.25	69.55	72.39

## ORDERING INFORMATION:

P/N 1 2 7 XX - XXX S B  
1 2 3

- LEVER TYPE:  
"SE" WITH LONG LEVERS  
"XV" WITH SHORT LEVERS  
"XW" WITHOUT LEVERS
- NO. OF CONTACTS:  
020, 026, 032, 034, 040, 050, 052, 060,  
068, 080, 100
- CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED

# 1.27MM x 2.54MM SHROUDED HEADER 2 TO 4 ROW TYPE (LONG LATCH)

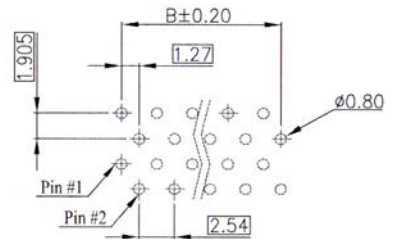


## SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 600V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

## MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 P.B.T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**



## Recommended P.C.Board Layout

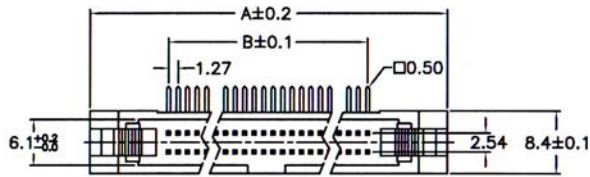
No. of Contacts	Dimensions(mm)			
	A	B	C	D
10	26.15	5.08	12.86	15.28
16	29.96	8.89	16.67	19.09
20	32.50	11.43	19.21	21.63
26	36.31	15.24	23.02	25.44
30	38.85	17.78	25.56	27.98
34	41.39	20.32	28.10	30.52
40	45.20	24.13	31.91	34.33
44	47.74	26.67	34.45	36.87
50	51.55	30.48	38.26	40.68
60	57.90	36.83	44.61	47.03
68	62.98	41.91	48.96	52.11
70	64.25	43.18	50.96	53.38
80	70.60	49.53	57.31	59.73
100	83.30	62.23	70.01	72.43

## ORDERING INFORMATION:

P/N 1 2 B x x - x x x x B  
 1 2 3

1. TERMINAL TYPE:  
 "B95" STRAIGHT TYPE  
 "B96" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
 010, 016, 020, 026, 030, 034, 040, 044,  
 050, 060, 068, 070, 080, 100
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED (FOR 12B96)  
 "S" SELECTIVE GOLD PLATED (FOR 12B95)

# 1.27MM x 2.54MM SHROUDED HEADER 2 TO 4 ROW RIGHT ANGLE TYPE

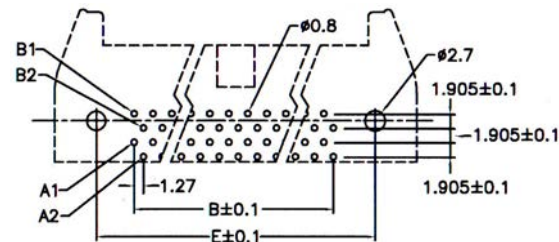
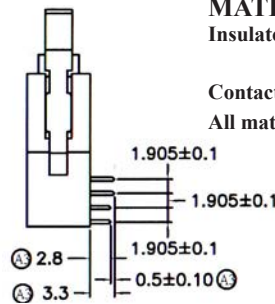
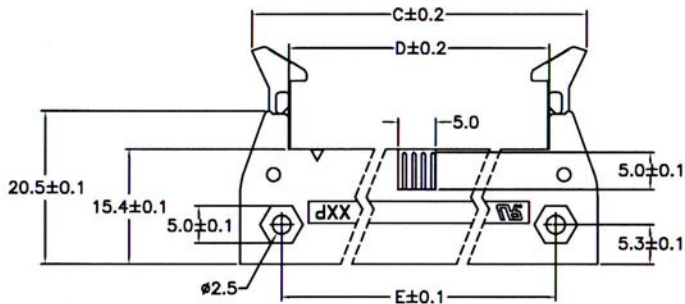


## SPECIFICATIONS

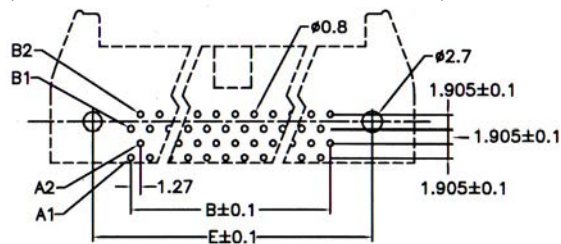
- Current Rating: 0.5 Amp
- Dielectric Withstand: 500V AC
- Insulator Resistance: 5000 MΩ min.
- Contact Resistance: 20mΩ Max.
- Operating Temperature: -55°C to + 105°C

## MATERIALS

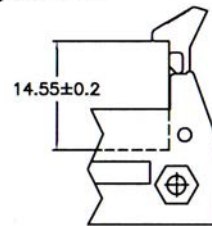
- Insulator: Glass, UL94V-0  
P.B.T
- Contacts: Brass
- All materials must be RoHS compliant.



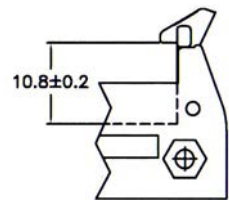
Recommended P.C.Board Layout  
(20, 32, 40, 52, 60, 68, 80, 100 Contacts)



Recommended P.C.Board Layout  
(26, 34, 50 Contacts)



**Long Lever**



**Short Lever**

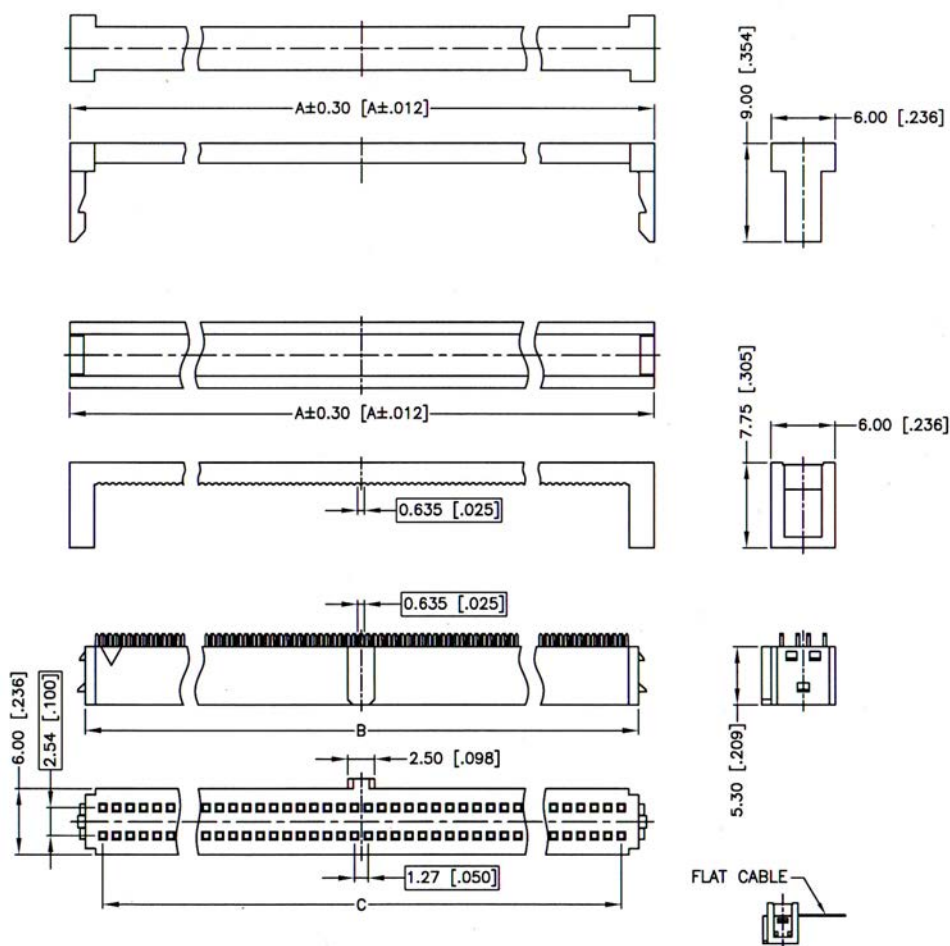
No. of Contacts	Dimensions(mm)				
	A	B±0.10	C	D	E
20	32.36	11.43	29.35	18.75	21.59
26	36.18	15.24	33.16	22.56	25.40
32	39.98	19.05	36.97	26.37	29.21
34	41.25	20.32	38.24	27.64	30.48
40	45.06	24.13	42.05	31.45	34.29
50	51.41	30.48	48.40	37.80	40.64
52	52.68	31.75	49.67	39.07	41.91
60	57.76	36.83	54.75	44.15	46.99
68	62.84	41.91	59.83	49.23	52.07
80	70.46	49.53	67.45	56.85	59.69
100	83.16	62.23	80.25	69.55	72.39

## ORDERING INFORMATION:

P/N 1 2 7  $\frac{X}{1}$  -  $\frac{X}{2}$  X  $\frac{X}{3}$  B

1. LEVER TYPE:  
 "SG" WITH LONG LEVERS  
 "XT" WITH SHORT LEVERS  
 "XU" WITHOUT LEVERS
2. NO. OF CONTACTS:  
 020, 026, 032, 034, 040, 050, 052, 060,  
 068, 080, 100
3. CONTACT FINISH:  
 "S" SELECTIVE GOLD PLATED

## 1.27MM x 2.54MM IDC SOCKET FOR 0.635MM PITCH FLAT CABLE



### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 M $\Omega$  min.  
**Contact Resistance:** 30m $\Omega$  Max.  
**Operating Temperature:** -40 $^{\circ}$ C to + 85 $^{\circ}$ C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
P.B.T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)		
	A	B	C
10	11.25	8.35	5.08
14	13.79	10.89	7.62
16	15.06	12.16	8.89
20	17.60	14.70	11.43
26	21.41	18.51	15.24
30	23.95	21.05	17.78
34	26.49	23.59	20.32
40	30.30	27.40	24.13
50	36.65	33.75	30.48
60	43.00	40.10	36.83
68	48.08	45.18	41.91
80	55.70	52.80	49.53
100	68.40	65.50	62.23

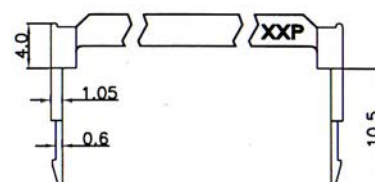
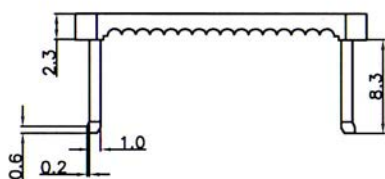
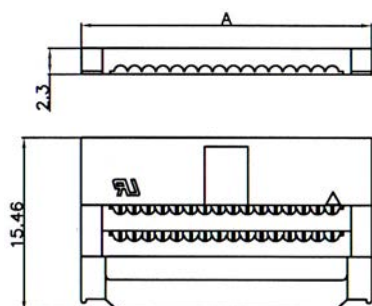
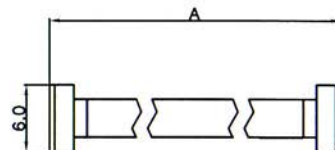
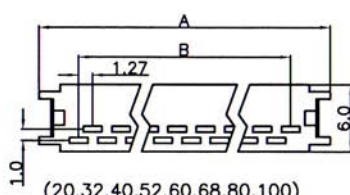
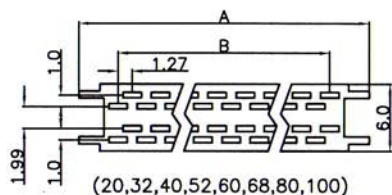
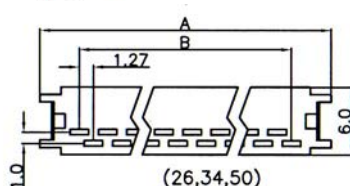
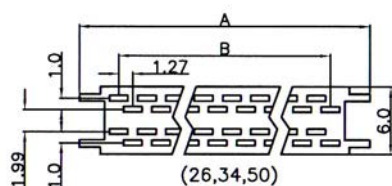
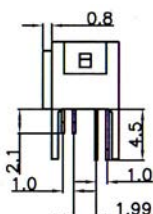
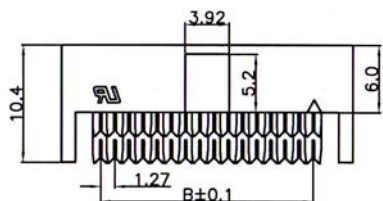
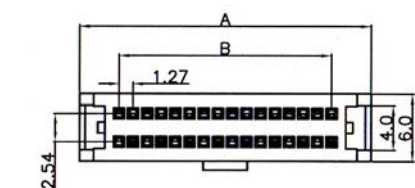
### ORDERING INFORMATION:

P/N 1 2 7  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{S}{3}$  B

1. STRAIN RELIEF OPTION:  
"DA" W/O STRAIN RELIEF  
"DB" WITH STRAIN RELIEF
2. NO. OF CONTACTS:  
010, 014, 016, 020, 026, 030, 034, 040,  
050, 060, 068, 080, 100
3. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED

NOTE: MATES WITH 127BD, 127BR, 127BS, 12C34, 12C35,  
12C36, 12C37, 12C59, 12C60

## 1.27MM x 2.54MM IDC SOCKET FOR 1.27MM PITCH FLAT CABLE



### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: Glass, UL94V-0  
 P.B.T  
 Contacts: Phosphor Bronze  
 All materials must be RoHS compliant.

### DIMENSIONS:

A = 1.27 x No. of Contacts/2 + 5.82  
 B = 1.27 x No. of Contacts/2 - 1.27

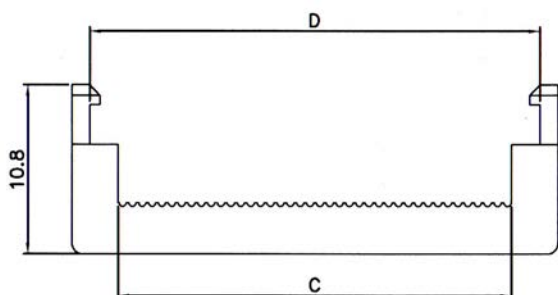
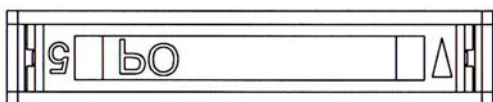
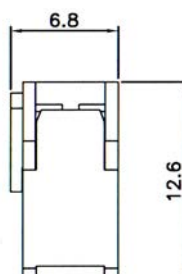
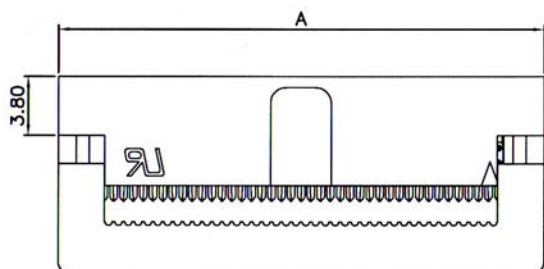
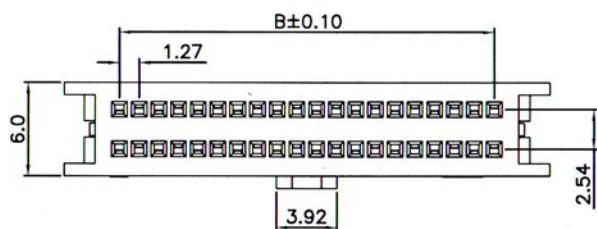
### ORDERING INFORMATION:

P/N 1 2 7 D S -  $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{G}{2} \frac{B}{3}$

1. NO. OF CONTACTS:  
020, 026, 032, 034, 040, 050, 052, 060,  
068, 080, 100
2. CONTACT FINISH:  
"G" FULL GOLD PLATED
3. INSULATOR COLOR:  
"B" BLACK

NOTE: MATES WITH 127SE, 127SG, 127BG, 127BH,  
127BJ, 127XV & 127XW

## 1.27MM x 2.54MM IDC SOCKET FOR 0.635MM PITCH FLAT CABLE



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V DC

**Insulator Resistance:** 5000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Glass, UL94V-0

P.B.T

**Contacts:** Phosphor Bronze

**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)			
	A	B	C	D
20	18.55	11.43	12.60	16.25
26	22.36	15.24	16.41	20.06
32	26.17	19.05	20.22	23.87
34	27.44	20.32	21.49	25.14
40	31.25	24.13	25.30	28.95
50	37.60	30.48	31.65	35.30
52	38.87	31.75	32.92	36.57
60	43.95	36.83	38.00	41.65
68	49.03	41.91	43.08	46.73
80	56.65	49.53	50.70	54.35
100	69.35	62.23	63.40	67.05

### ORDERING INFORMATION:

P/N 1 2 C 3 3 - x x x G B

- CONNECTOR TYPE:  
"C33" W/O STRAIN RELIEF
- NO. OF CONTACTS:  
020, 026, 032, 034, 040, 050, 052, 060,  
068, 080, 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED

NOTE: MATES WITH 127PN, 127QN, 127VF, 127SE,  
127SG, 127BH, 127BJ & 127BG

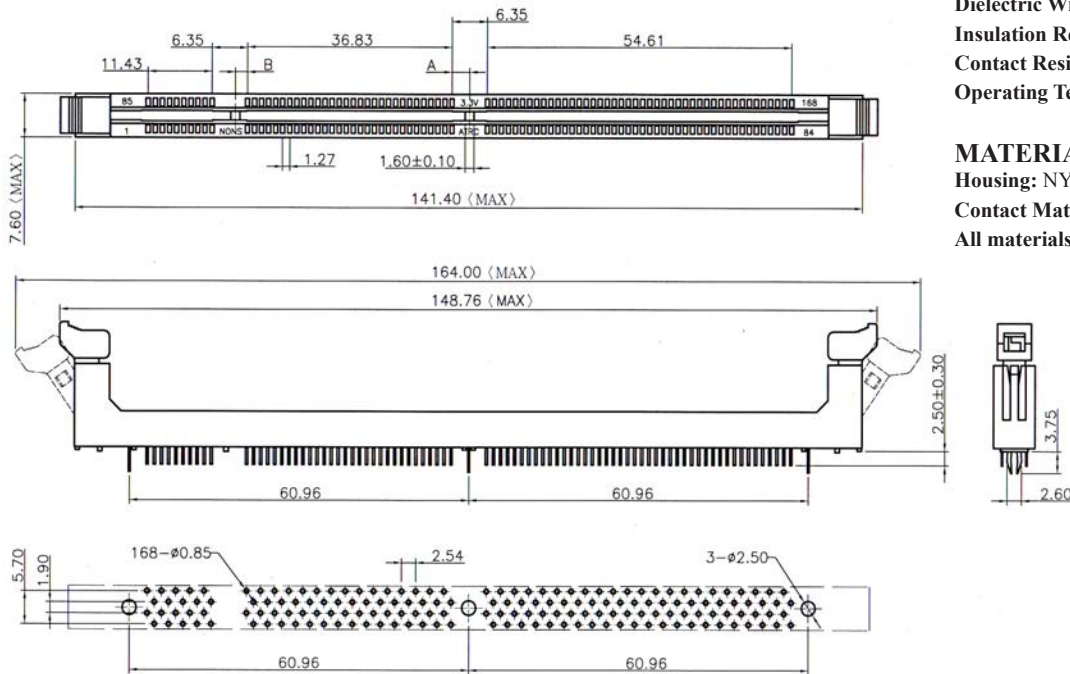
## 1.27MM DIMM SOCKET 168 PIN STRAIGHT DIP TYPE WITH 3 METAL POSTS

### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstanding:** 500V AC  
**Insulation Resistance:** 1000MΩ Min  
**Contact Resistance:** 30mΩ Max.  
**Operating Temperature:** -25°C to + 105°C

### MATERIALS

**Housing:** NY6T, UL94V-0  
**Contact Material:** Copper Alloy  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

RAM TYPE	VOLT	NO. OF TYPE	MODULE KEYING	
			A	B
D-RAM	5.0V	01	2.175	3.175
S-DRAM		02	2.175	4.175
U-DRAM		03	2.175	2.175
D-RAM	3.3V	04	3.175	3.175
S-DRAM		05	3.175	4.175
U-DRAM		06	3.175	2.175
D-RAM	2.5V	07	4.175	3.175
S-DRAM		08	4.175	4.175
U-DRAM		09	4.175	2.175

### ORDERING INFORMATION:

P/N 1 2 M  $\frac{XX}{1}$  -  $\frac{168}{2}$  S  $\frac{B}{3}$   $\frac{XX}{4}$   $\frac{XX}{5}$

#### 1. VOLTAGE & RAM TYPE:

- "01" 5.0V, D-RAM
- "02" 5.0V, S-DRAM
- "03" 5.0V, U-DRAM
- "04" 3.3V, D-RAM
- "06" 3.3V, U-DRAM
- "07" 2.5V, D-RAM
- "08" 2.5V, S-DRAM
- "09" 2.5V, U-DRAM

#### 2. NO. OF CONTACTS:

168

#### 3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

#### 4. INSULATOR COLOR:

"B" BLACK

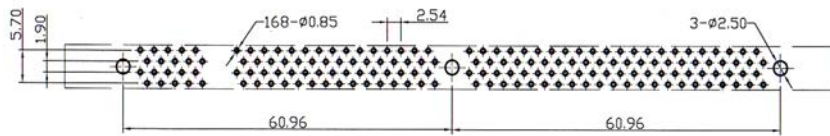
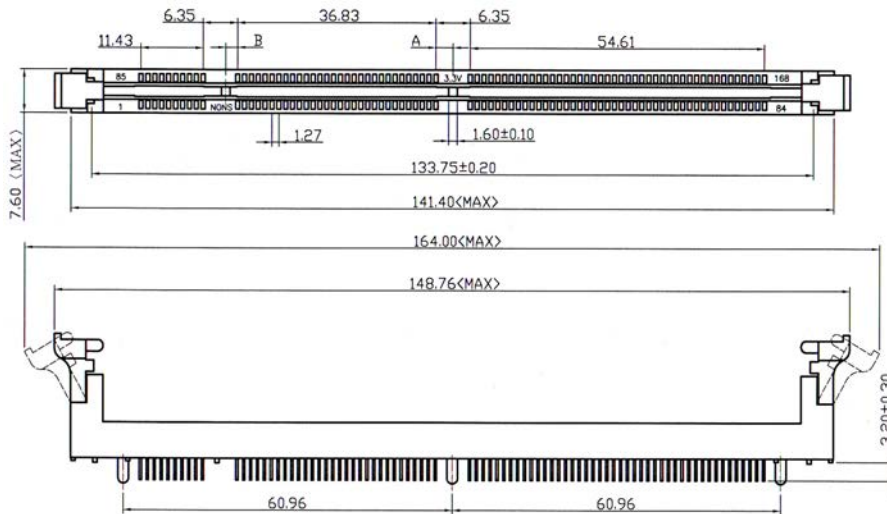
#### 5. GOLD PLATED THICKNESS:

"01" GOLD FLASH

"03" 3 MICROINCH GOLD

"15" 15 MICROINCH GOLD

## 1.27MM DIMM SOCKET 168 PIN STRAIGHT DIP TYPE WITH 3 PLASTIC POSTS



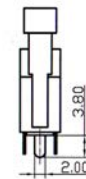
Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstanding:** 500V AC  
**Insulation Resistance:** 1000MΩ Min  
**Contact Resistance:** 30mΩ Max.  
**Operating Temperature:** -25°C to + 105°C

### MATERIALS

**Housing:** NY6T, UL94V-0  
**Contact Material:** Copper Alloy  
**All materials must be RoHS compliant.**



RAM TYPE	VOLT	NO. OF TYPE	MODULE KEYING	
			A	B
D-RAM	5.0V	21	2.175	3.175
S-DRAM		22	2.175	4.175
U-DRAM		23	2.175	2.175
D-RAM	3.3V	24	3.175	3.175
S-DRAM		25	3.175	4.175
U-DRAM		26	3.175	2.175
D-RAM	2.5V	27	4.175	3.175
S-DRAM		28	4.175	4.175
U-DRAM		29	4.175	2.175

### ORDERING INFORMATION:

**P/N 1 2 M  $\frac{xx}{1}$  -  $\frac{168}{2}$  S  $\frac{B}{3}$   $\frac{xx}{4}$   $\frac{xx}{5}$**

#### 1. VOLTAGE & RAM TYPE:

- "21" 5.0V, D-RAM
- "22" 5.0V, S-DRAM
- "23" 5.0V, U-DRAM
- "24" 3.3V, D-RAM
- "25" 3.3V, S-DRAM
- "26" 3.3V, U-DRAM
- "27" 2.5V, D-RAM
- "28" 2.5V, S-DRAM
- "29" 2.5V, U-DRAM

#### 2. NO. OF CONTACTS:

168

#### 3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

#### 4. INSULATOR COLOR:

"B" BLACK

#### 5. GOLD PLATED THICKNESS:

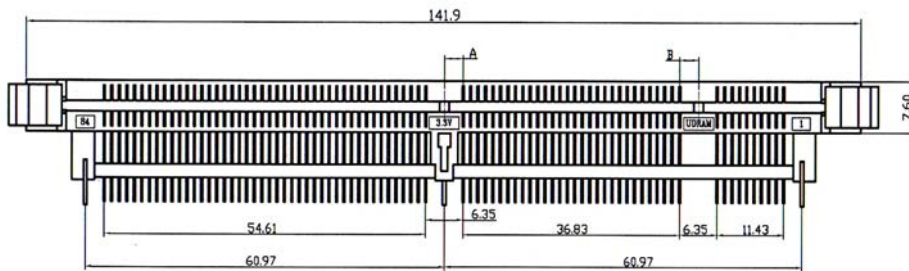
"01" GOLD FLASH

"03" 3 MICRORINCH GOLD

"15" 15 MICRORINCH GOLD



## 1.27MM DIMM SOCKET 168 PIN RIGHT ANGLE TYPE WITH 3 METAL POSTS

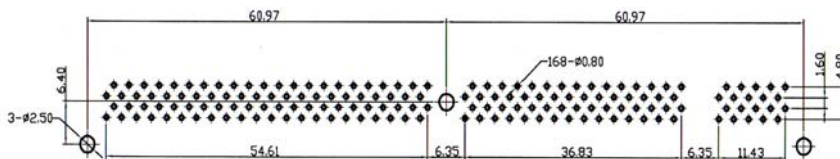
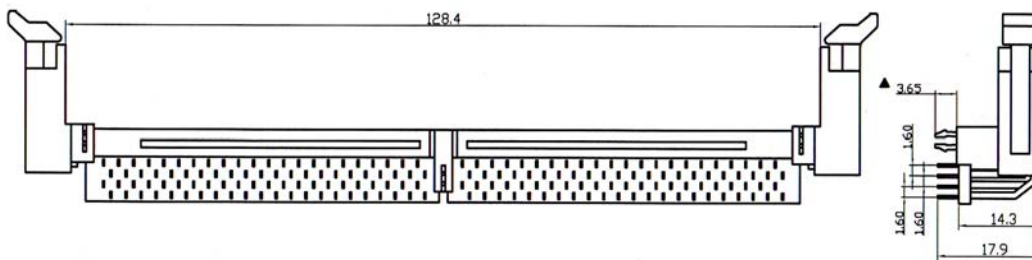


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstanding:** 500V AC  
**Insulation Resistance:** 1000MΩ Min  
**Contact Resistance:** 30mΩ Max.  
**Operating Temperature:** -25°C to + 105°C

### MATERIALS

**Housing:** NY6T, UL94V-0  
**Contact Material:** Copper Alloy  
 All materials must be RoHS compliant.



Recommended P.C.Board Layout

RAM TYPE	VOLT	NO. OF TYPE	MODULE KEYING	
			A	B
D-RAM	5.0V	41	2.175	3.175
S-DRAM		42	2.175	4.175
U-DRAM		43	2.175	2.175
D-RAM	3.3V	44	3.175	3.175
S-DRAM		45	3.175	4.175
U-DRAM		46	3.175	2.175

### ORDERING INFORMATION:

P/N 1 2 M  $\frac{XX}{1}$  -  $\frac{168}{2}$  S  $\frac{B}{3}$   $\frac{XX}{4}$   $\frac{XX}{5}$

1. VOLTAGE & RAM TYPE:

- "41" 5.0V, D-RAM
- "42" 5.0V, S-DRAM
- "43" 5.0V, U-DRAM
- "46" 3.3V, U-DRAM

2. NO. OF ONTACTS:

168

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

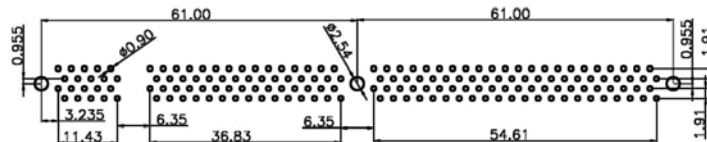
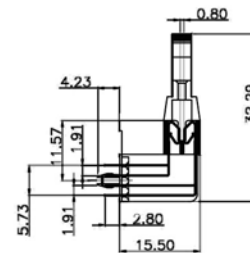
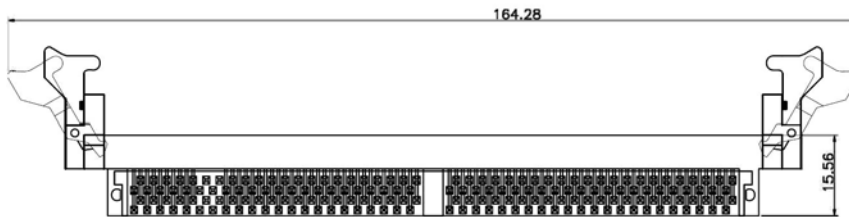
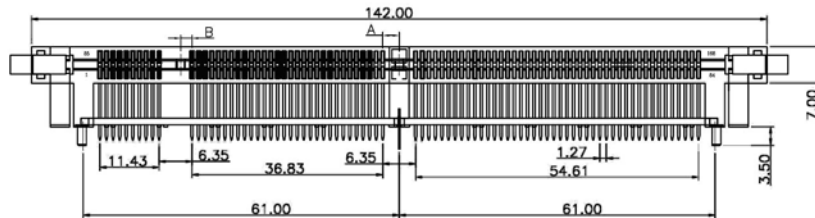
4. INSULATOR COLOR:

"B" BLACK

5. GOLD PLATED THICKNESS:

- "01" GOLD FLASH
- "03" 3 MICRINCH GOLD
- "15" 15 MICRINCH GOLD

# 1.27MM DIMM SOCKET 168 PIN RIGHT ANGLE STANDARD TYPE WITH 2 PLASTIC POSTS & 1 METAL POST ROW SPACING=1.91MM



Recommended P.C.Board Layout

## SPECIFICATIONS

- Current Rating: 1.0 Amp
- Dielectric Withstanding: 500V AC
- Insulation Resistance: 1000MΩ Min
- Contact Resistance: 30mΩ Max.
- Operating Temperature: -25°C to + 105°C

## MATERIALS

- Housing: NY6T, UL94V-0
- Contact Material: Copper Alloy
- All materials must be RoHS compliant.

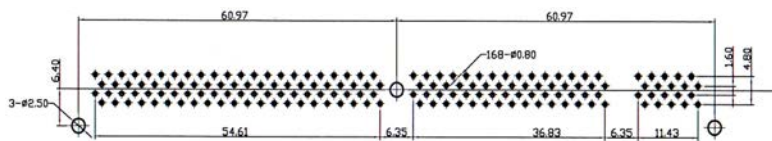
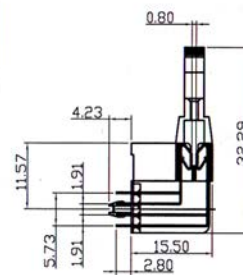
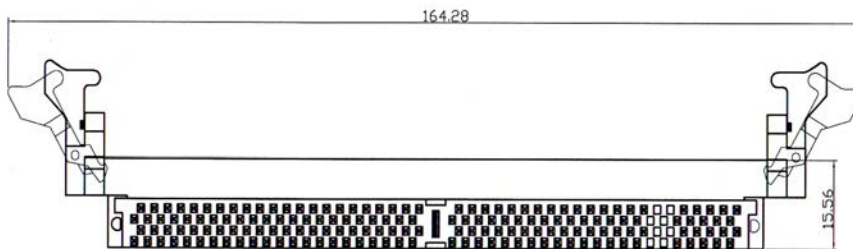
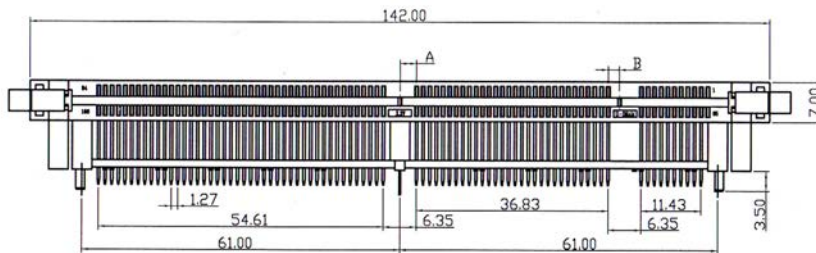
RAM TYPE	VOLT	NO. OF TYPE	MODULE KEYING	
			A	B
D-RAM	5.0V	51	2.175	3.175
S-DRAM		52	2.175	4.175
U-DRAM		53	2.175	2.175
D-RAM	3.3V	54	3.175	3.175
S-DRAM		55	3.175	4.175
U-DRAM		56	3.175	2.175

## ORDERING INFORMATION:

P/N 1 2 M  $\frac{XX}{1}$  -  $\frac{168}{2}$  S  $\frac{B}{3}$   $\frac{XX}{4}$   $\frac{XX}{5}$

- VOLTAGE & RAM TYPE:  
"51" 5.0V, D-RAM  
"56" 3.3V, U-DRAM
- NO. OF ONTACTS:  
168
- CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED
- INSULATOR COLOR:  
"B" BLACK
- GOLD PLATED THICKNESS:  
"01" GOLD FLASH  
"10" 10 MICROINCH GOLD  
"30" 30 MICROINCH GOLD

# 1.27MM DIMM SOCKET 168 PIN RIGHT ANGLE REVERSE TYPE WITH 2 PLASTIC POSTS & 1 METAL POST ROW SPACING=1.91MM



Recommended P.C. Board Layout

## SPECIFICATIONS

- Current Rating: 1.0 Amp
- Dielectric Withstanding: 500V AC
- Insulation Resistance: 1000MΩ Min
- Contact Resistance: 30mΩ Max.
- Operating Temperature: -25°C to + 105°C

## MATERIALS

- Housing: NY6T, UL94V-0
- Contact Material: Copper Alloy
- All materials must be RoHS compliant.

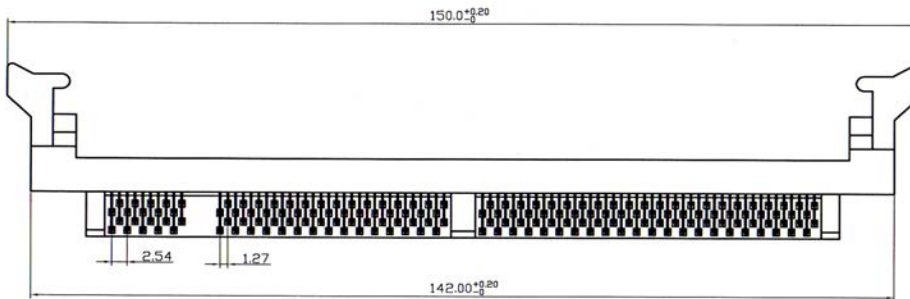
RAM TYPE	VOLT	NO. OF TYPE	MODULE KEYING	
			A	B
D-RAM	5.0V	61	2.175	3.175
S-DRAM		62	2.175	4.175
U-DRAM		63	2.175	2.175
D-RAM	3.3V	64	3.175	3.175
S-DRAM		65	3.175	4.175
U-DRAM		66	3.175	2.175

## ORDERING INFORMATION:

P/N 1 2 M  $\frac{XX}{1}$  -  $\frac{168}{2}$  S  $\frac{B}{3}$   $\frac{XX}{4}$   $\frac{XX}{5}$

- VOLTAGE & RAM TYPE:  
"61" 5.0V, D-RAM  
"66" 3.3V, U-DRAM
- NO. OF ONTACTS:  
168
- CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED
- INSULATOR COLOR:  
"B" BLACK
- GOLD PLATED THICKNESS:  
"01" GOLD FLASH  
"10" 10 MICRINCH GOLD  
"30" 30 MICRINCH GOLD

# 1.27MM DIMM SOCKET 168 PIN 25 DEGREE ANGLE TYPE WITH 2 METAL POSTS & 1 PLASTIC POST SOLDER LENGTH = 4.0MM

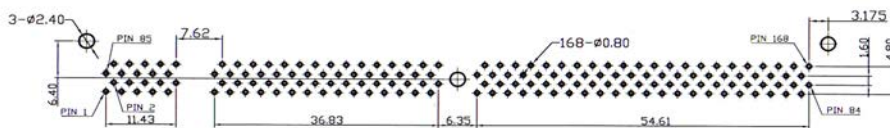
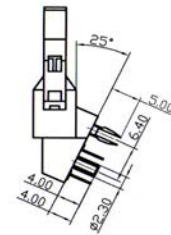


## SPECIFICATIONS

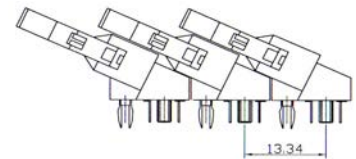
- Current Rating: 1.0 Amp
- Dielectric Withstanding: 500V AC
- Insulation Resistance: 1000MΩ Min
- Contact Resistance: 30mΩ Max.
- Operating Temperature: -25°C to + 105°C

## MATERIALS

- Housing: LCP, UL94V-0
- Contact Material: Copper Alloy
- All materials must be RoHS compliant.



Recommended P.C.Board Layout



## ORDERING INFORMATION:

P/N 1 2 M  $\frac{XX}{1}$  -  $\frac{168}{2}$  S  $\frac{B}{3}$   $\frac{XX}{4}$   $\frac{XX}{5}$

### 1. VOLTAGE & RAM TYPE:

- "71" 5.0V, D-RAM
- "72" 5.0V, S-DRAM
- "73" 5.0V, U-DRAM
- "74" 3.3V, D-RAM
- "75" 3.3V, S-DRAM
- "76" 3.3V, U-DRAM
- "77" 2.5V, D-RAM
- "78" 2.5V, S-DRAM
- "79" 2.5V, U-DRAM

### 2. NO. OF CONTACTS:

168

### 3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

### 4. INSULATOR COLOR:

"B" BLACK

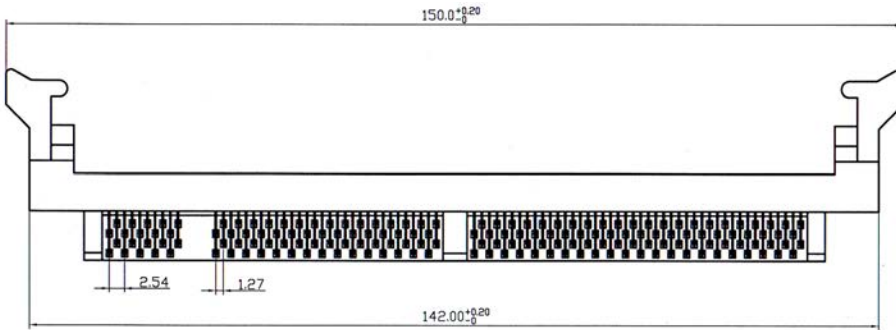
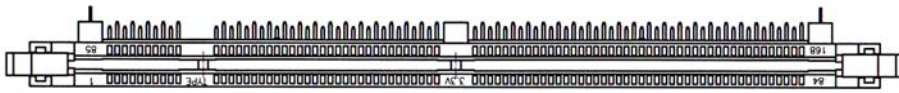
### 5. GOLD PLATED THICKNESS:

"01" GOLD FLASH

"03" 3 MICRORINCH GOLD

"15" 15 MICRORINCH GOLD

# 1.27MM DIMM SOCKET 168 PIN 25 DEGREE ANGLE TYPE WITH 2 METAL POSTS & 1 PLASTIC POST SOLDER LENGTH = 2.6MM

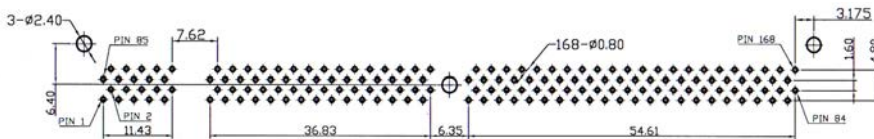
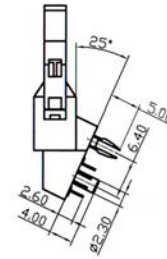


## SPECIFICATIONS

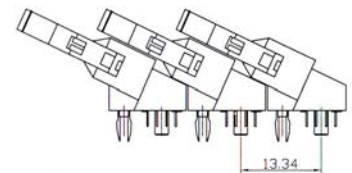
- Current Rating: 1.0 Amp
- Dielectric Withstanding: 500V AC
- Insulation Resistance: 1000MΩ Min
- Contact Resistance: 30mΩ Max.
- Operating Temperature: -25°C to + 105°C

## MATERIALS

- Housing: LCP, UL94V-0
- Contact Material: Copper Alloy
- All materials must be RoHS compliant.



Recommended P.C.Board Layout



## ORDERING INFORMATION:

P/N 1 2 M  $\frac{XX}{1}$  -  $\frac{168}{2}$   $\frac{S}{3}$   $\frac{B}{4}$   $\frac{XX}{5}$

### 1. VOLTAGE & RAM TYPE:

- "81" 5.0V, D-RAM
- "82" 5.0V, S-DRAM
- "83" 5.0V, U-DRAM
- "84" 3.3V, D-RAM
- "85" 3.3V, S-DRAM
- "86" 3.3V, U-DRAM
- "87" 2.5V, D-RAM
- "88" 2.5V, S-DRAM
- "89" 2.5V, U-DRAM

### 2. NO. OF CONTACTS:

168

### 3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

### 4. INSULATOR COLOR:

"B" BLACK

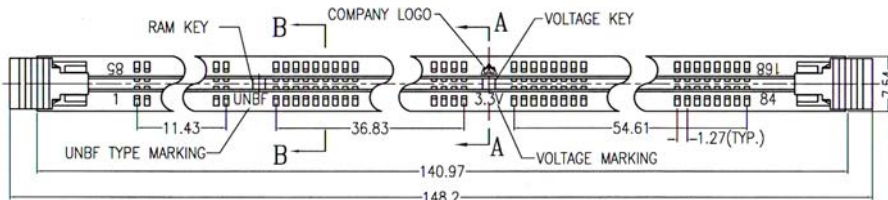
### 5. GOLD PLATED THICKNESS:

"01" GOLD FLASH

"03" 3 MICRORINCH GOLD

"15" 15 MICRORINCH GOLD

## 1.27MM DIMM SOCKET 168 PIN 3.3V/U-DRAM STRAIGHT TYPE

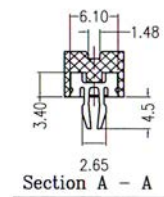
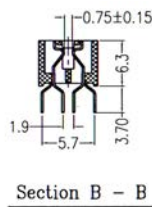
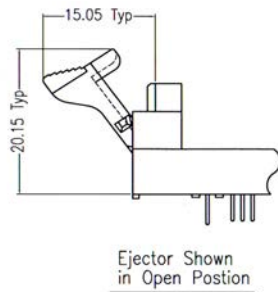
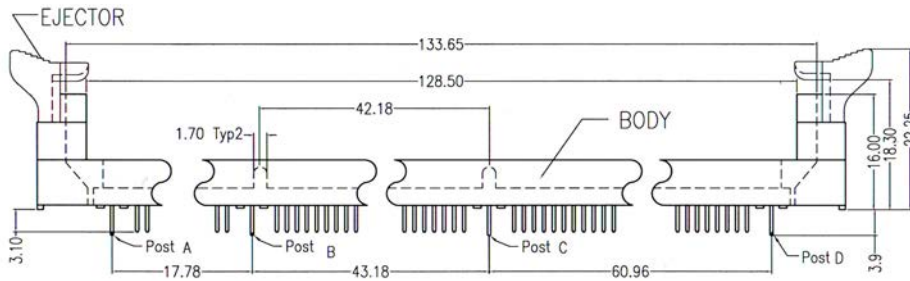


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstanding:** 500V AC  
**Insulation Resistance:** 1000MΩ Min  
**Contact Resistance:** 30mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Housing:** NY6T, UL94V-0  
**Contact Material:** Copper Alloy  
**All materials must be RoHS compliant.**

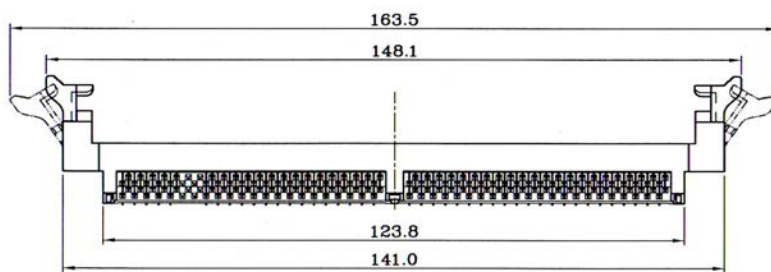
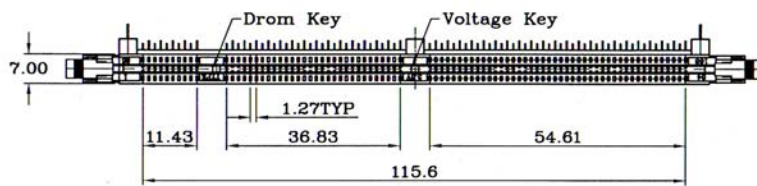


### ORDERING INFORMATION:

**P/N 1 2 M 9 7 -  $\frac{1}{1}$   $\frac{168}{2}$   $\frac{S}{3}$   $\frac{B}{4}$  X X**

1. NO. OF CONTACTS:  
168
2. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED
3. INSULATOR COLOR:  
"B" BLACK
4. GOLD PLATED THICKNESS:  
"01" GOLD FLASH

## 1.27MM DIMM SOCKET 168 PIN 3.3V/U-DRAM 25 DEGREE ANGLED REVERSE TYPE

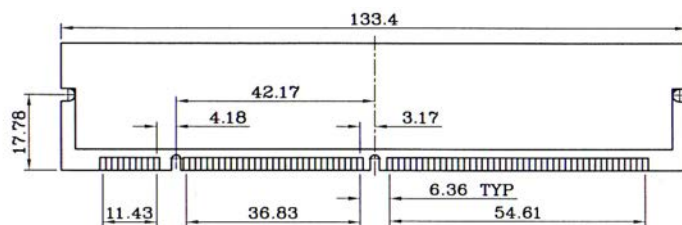
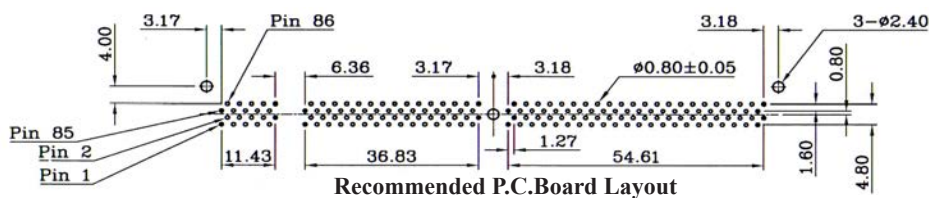


### SPECIFICATIONS

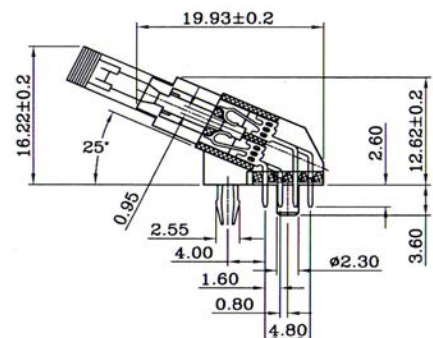
Current Rating: 1.0 Amp  
 Dielectric Withstanding: 500V AC  
 Insulation Resistance: 1000MΩ Min  
 Contact Resistance: 30mΩ Max.  
 Operating Temperature: -55°C to + 105°C

### MATERIALS

Housing: LCP, UL94V-0  
 Contact Material: Copper Alloy  
 All materials must be RoHS compliant.



Non-Standard DRAM 3.3 Volt

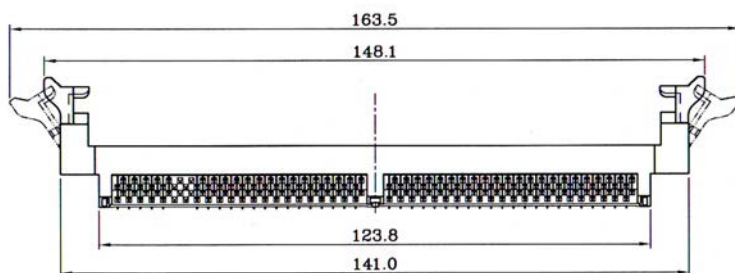
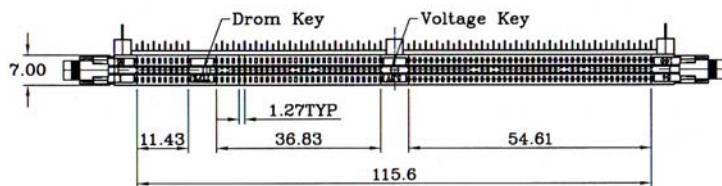


### ORDERING INFORMATION:

P/N 1 2 M 9 8 -  $\frac{1}{1}$   $\frac{168}{2}$   $\frac{S}{3}$   $\frac{B}{4}$  X X

1. NO. OF CONTACTS:  
168
2. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED
3. INSULATOR COLOR:  
"B" BLACK
4. GOLD PLATED THICKNESS:  
"01" GOLD FLASH  
"05" 5 MICROINCH GOLD  
"15" 15 MICROINCH GOLD  
"30" 30 MICROINCH GOLD

## 1.27MM DIMM SOCKET 168 PIN 3.3V/D-RAM 25 DEGREE ANGLED REVERSE TYPE

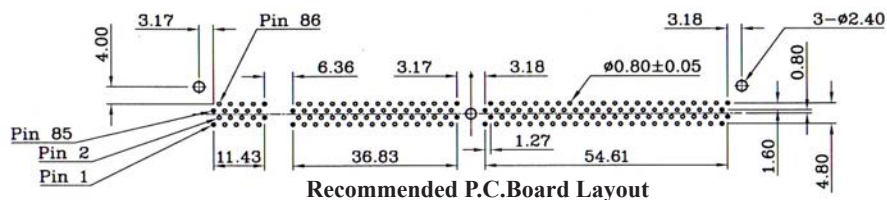


### SPECIFICATIONS

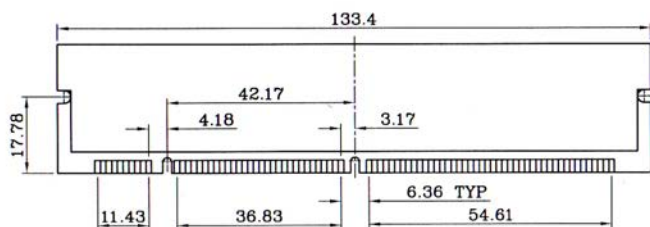
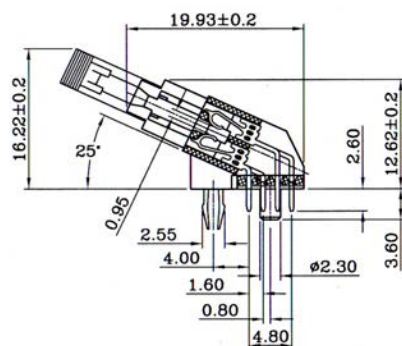
Current Rating: 1.0 Amp  
 Dielectric Withstanding: 500V AC  
 Insulation Resistance: 1000MΩ Min  
 Contact Resistance: 30mΩ Max.  
 Operating Temperature: -55°C to + 105°C

### MATERIALS

Housing: LCP, UL94V-0  
 Contact Material: Copper Alloy  
 All materials must be RoHS compliant.



Recommended P.C. Board Layout



Non-Standard DRAM 3.3 Volt

### ORDERING INFORMATION:

P/N 1 2 M 9 9 -  $\frac{1}{1}$   $\frac{168}{2}$   $\frac{S}{3}$   $\frac{B}{4}$  X X

1. NO. OF CONTACTS:  
168
2. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED
3. INSULATOR COLOR:  
"B" BLACK
4. GOLD PLATED THICKNESS:  
"01" GOLD FLASH  
"05" 5 MICRINCH GOLD  
"15" 15 MICRINCH GOLD  
"30" 30 MICRINCH GOLD



## 1.27MM DIMM SOCKET 168 PIN STRAIGHT DIP TYPE WITH SINGLE LEFT LATCH

RAM TYPE	VOLT	NO. OF TYPE	MODULE KEYING	
			A	B
D-RAM	5.0V	01	2.175	3.175
S-DRAM		02	2.175	4.175
U-DRAM		03	2.175	2.175
D-RAM	3.3V	04	3.175	3.175
S-DRAM		05	3.175	4.175
U-DRAM		06	3.175	2.175
D-RAM	2.5V	07	4.175	3.175
S-DRAM		08	4.175	4.175
U-DRAM		09	4.175	2.175

### SPECIFICATIONS

**Voltage Current Rating:** 1A 250AC

**Insulation Resistance:** 1000MΩ Min.

**Contact Resistance:** 30mΩ Max

**Withstanding Voltage:** AC 500V for 1 Min.

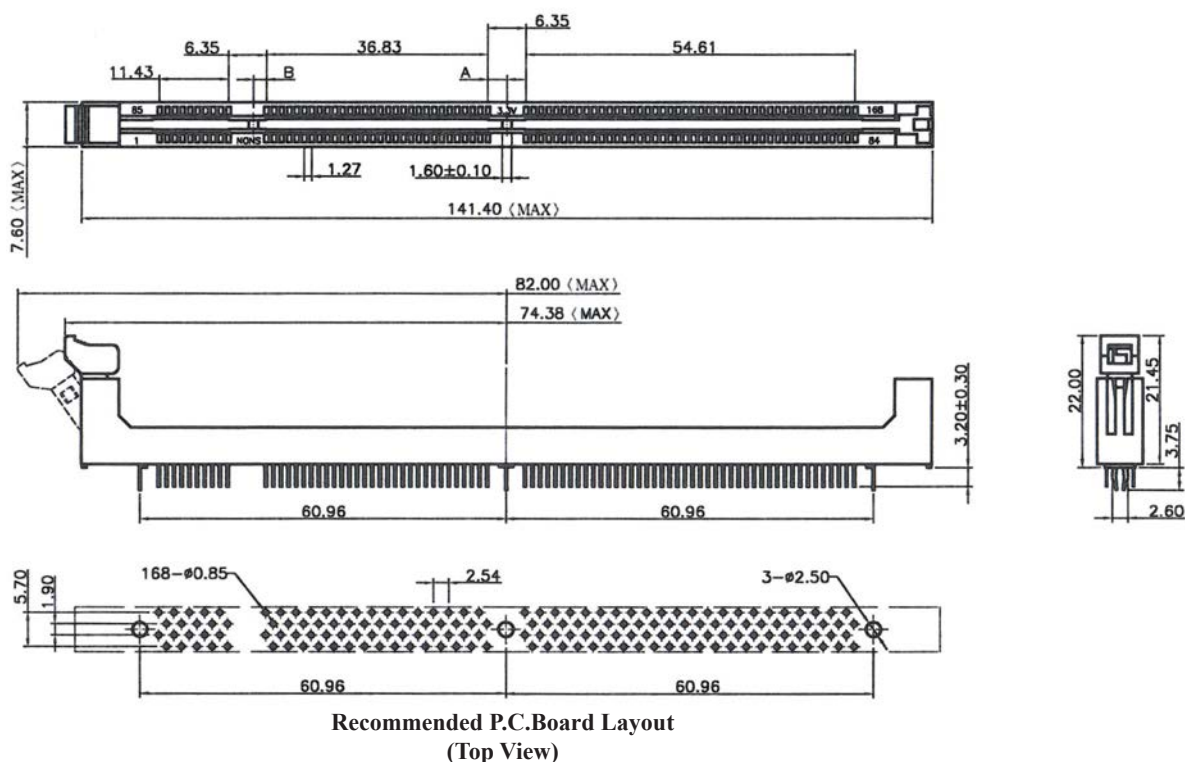
**Temperature Range:** -25°C to +105°C

### MATERIAL

**Housing:** High Temperature Thermoplastic

**Contact:** Copprt Alloy

All materials must be RoHS compliant.



### ORDERING INFORMATION:

**P/N 1 2 N  $\frac{XX}{1}$  - 1 6 8 S B  $\frac{XX}{5}$**

#### 1. VOLTAGE & RAM TYPE:

- "01" 5.0V, D-RAM
- "02" 5.0V, S-DRAM
- "03" 5.0V, U-DRAM
- "04" 3.3V, D-RAM
- "05" 3.3V, S-DRAM
- "06" 3.3V, U-DRAM
- "07" 2.5V, D-RAM
- "08" 2.5V, S-DRAM
- "09" 2.5V, U-DRAM

#### 2. NO. OF CONTACTS:

168

#### 3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

#### 4. INSULATOR COLOR:

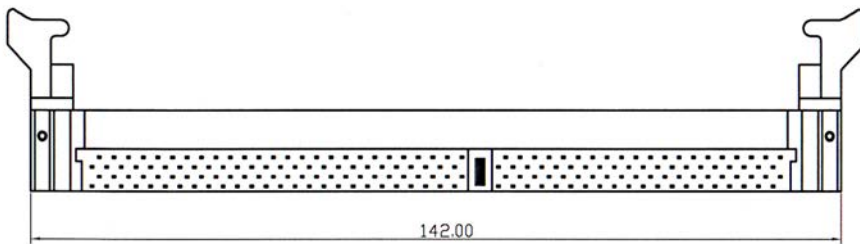
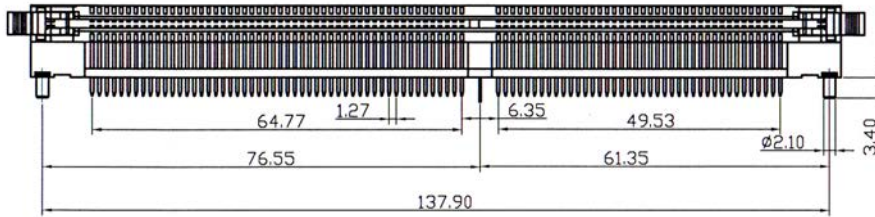
"B" BLACK

#### 5. GOLD PLATED THICKNESS:

"01" GOLD FLASH

"15" 15 MICROINCH GOLD

## 1.27MM DDR SOCKET 184 PIN RIGHT ANGLE STANDARD TYPE WITH 2 PLASTIC POSTS & 1 METAL POST



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstanding:** 500V AC

**Insulation Resistance:** 1000MΩ Min

**Contact Resistance:** 30mΩ Max.

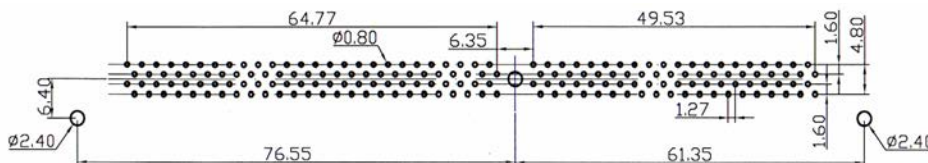
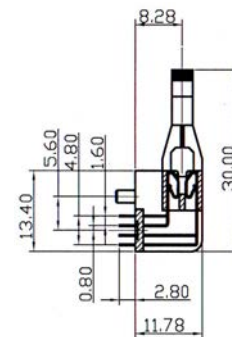
**Operating Temperature:** -25°C to + 105°C

### MATERIALS

**Housing:** LCP, UL94V-0

**Contact Material:** Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 1 2 R xx - 1 8 4 S B xx  
           1      2      3 4 5

1. VOLTAGE TYPE:

"01" 1.8V

"02" 2.5V

"03" 3.3V

2. NO. OF CONTACTS:

184

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

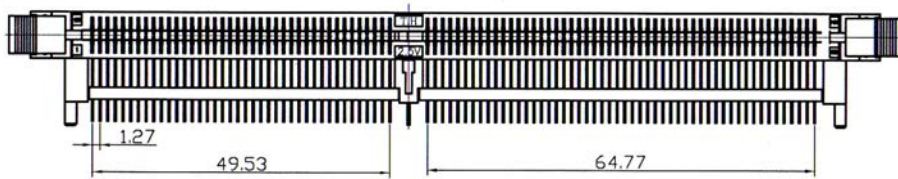
4. INSULATOR COLOR:

"B" BLACK (STANDARD)

5. GOLD PLATED THICKNESS:

"15" 15 MICROINCH GOLD

# 1.27MM DDR SOCKET 184 PIN RIGHT ANGLE REVERSE TYPE WITH 2 PLASTIC POSTS & 1 METAL POST

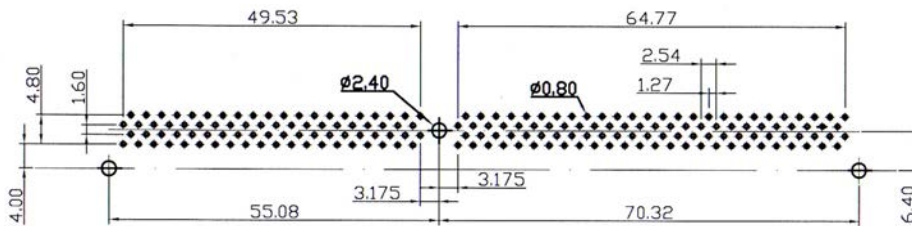
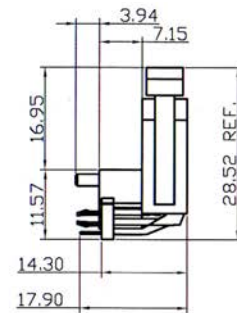
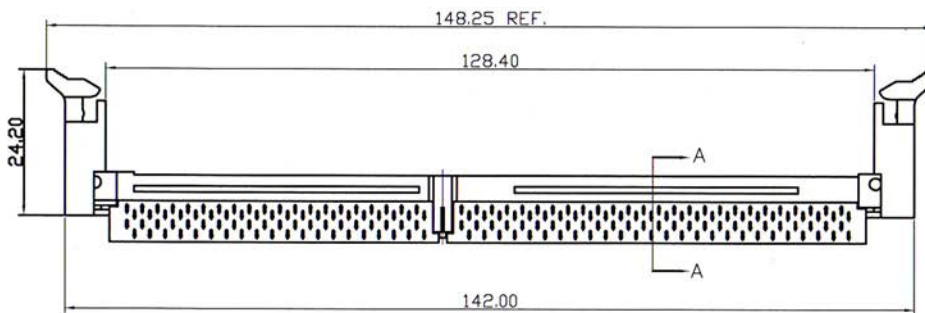


## SPECIFICATIONS

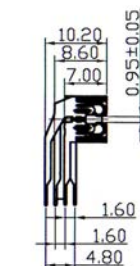
**Current Rating:** 1.0 Amp  
**Dielectric Withstanding:** 500V AC  
**Insulation Resistance:** 1000MΩ Min  
**Contact Resistance:** 30mΩ Max.  
**Operating Temperature:** -25°C to +105°C

## MATERIALS

**Housing:** LCP, UL94V-0  
**Contact Material:** Brass  
 All materials must be RoHS compliant.



Recommended P.C. Board Layout



SECTION: A-A

## ORDERING INFORMATION:

P/N 1 2 R x x - 1 8 4 S B x x

### 1. VOLTAGE TYPE:

"04" 1.8V  
 "05" 2.5V  
 "06" 3.3V

### 2. NO. OF CONTACTS:

184

### 3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

### 4. INSULATOR COLOR:

"B" BLACK (STANDARD)  
 "T" VIOLETT

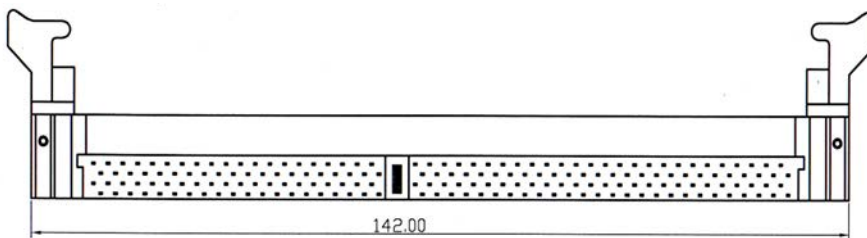
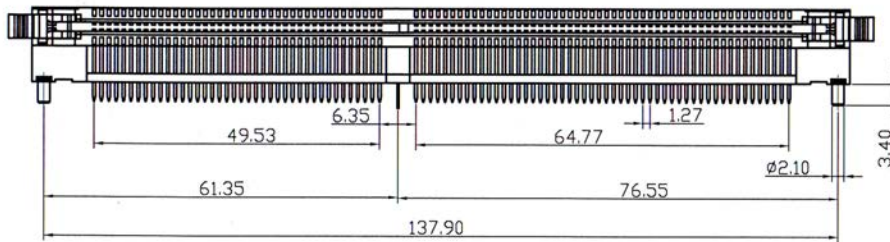
### 5. GOLD PLATED THICKNESS:

"01" GOLD FLASH  
 "03" 3 MICROINCH GOLD  
 "15" 15 MICROINCH GOLD

NOTE: SPACINGS OF POSTS=

55.08MM + 70.32MM

# 1.27MM DDR SOCKET 184 PIN RIGHT ANGLE REVERSE TYPE WITH 2 PLASTIC POSTS & 1 METAL POST

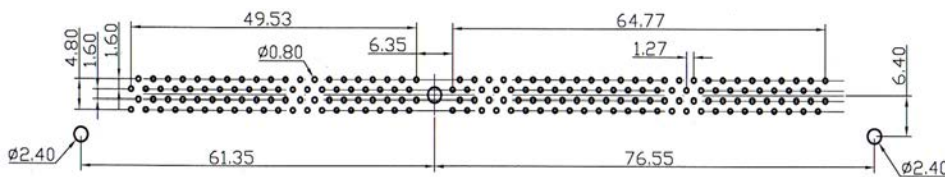
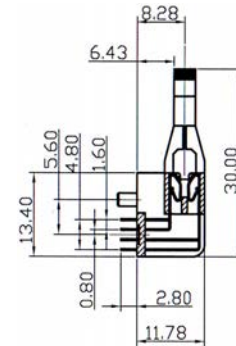


## SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstanding:** 500V AC  
**Insulation Resistance:** 1000MΩ Min  
**Contact Resistance:** 30mΩ Max.  
**Operating Temperature:** -25°C to + 105°C

## MATERIALS

**Housing:** LCP, UL94V-0  
**Contact Material:** Brass  
 All materials must be RoHS compliant.



Recommended P.C. Board Layout

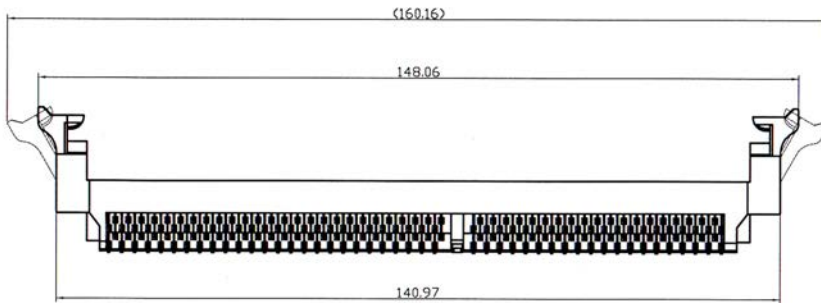
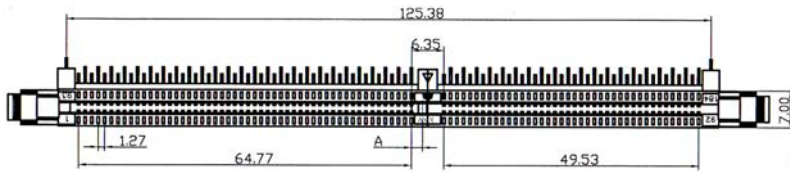
## ORDERING INFORMATION:

P/N 1 2 R  $\frac{x}{1}$  - 1 8 4 S B  $\frac{x}{3}$   $\frac{x}{4}$   $\frac{x}{5}$

1. VOLTAGE TYPE:  
 "07" 1.8V  
 "08" 2.5V  
 "09" 3.3V
2. NO. OF CONTACTS:  
 184
3. CONTACT FINISH:  
 "S" SELECTIVE GOLD PLATED
4. INSULATOR COLOR:  
 "B" BLACK (STANDARD)
5. GOLD PLATED THICKNESS:  
 "15" 15 MICRINCH GOLD

NOTE: SPACINGS OF POSTS = 61.35MM + 76.55MM

**1.27MM DDR SOCKET 184 PIN 25 DEGREE ANGLE  
REVERSE TYPE ROW SPACING=1.6MM**

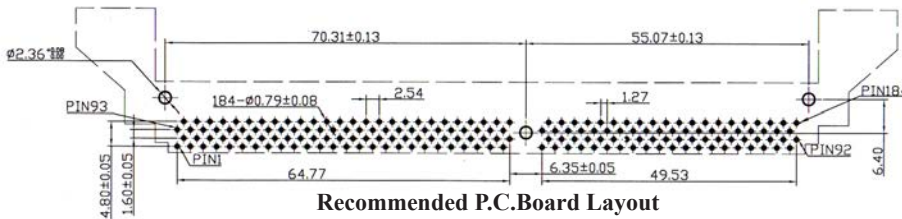
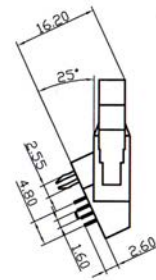


**SPECIFICATIONS**

**Current Rating:** 1.0 Amp  
**Dielectric Withstanding:** 500V AC  
**Insulation Resistance:** 1000MΩ Min  
**Contact Resistance:** 30mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

**MATERIALS**

**Housing:** LCP, UL94V-0  
**Contact Material:** Copper Alloy  
 All materials must be RoHS compliant.



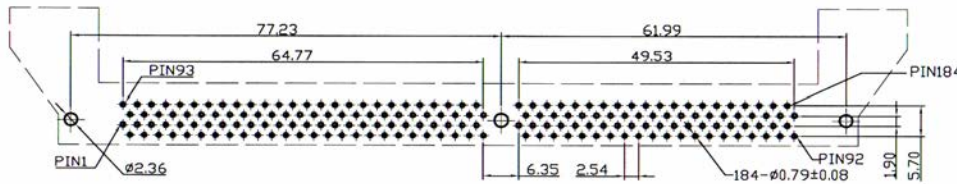
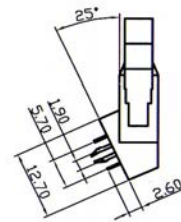
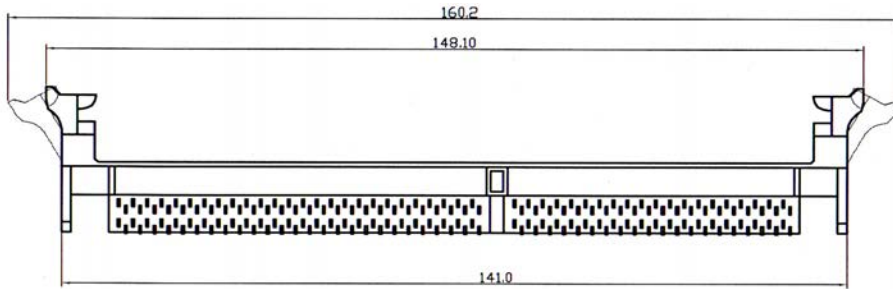
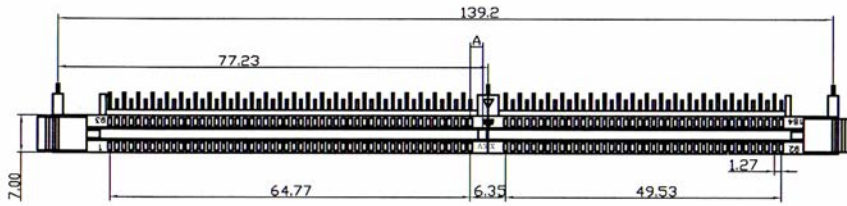
**ORDERING INFORMATION:**

**P/N 1 2 R  $\frac{xx}{1}$  - 184 S B  $\frac{xx}{3 4 5}$**

1. VOLTAGE TYPE:  
 "13" 1.8V (A= 3.175MM)  
 "14" 2.5V (A= 2.175MM)  
 "15" 3.3V (A= 4.175MM)
2. NO. OF CONTACTS:  
 184
3. CONTACT FINISH:  
 "S" SELECTIVE GOLD PLATED
4. INSULATOR COLOR:  
 "B" BLACK (STANDARD)
5. GOLD PLATED THICKNESS:  
 "01" GOLD FLASH

NOTE: SPACING OF ROWS = 64.77MM + 49.53MM

# 1.27MM DDR SOCKET 184 PIN 25 DEGREE ANGLE REVERSE TYPE ROW SPACING=1.9MM



Recommended P.C.Board Layout

## SPECIFICATIONS

- Current Rating: 1.0 Amp
- Dielectric Withstanding: 500V AC
- Insulation Resistance: 1000MΩ Min
- Contact Resistance: 30mΩ Max.
- Operating Temperature: -55°C to + 105°C

## MATERIALS

- Housing: LCP, UL94V-0
- Contact Material: Copper Alloy
- All materials must be RoHS compliant.

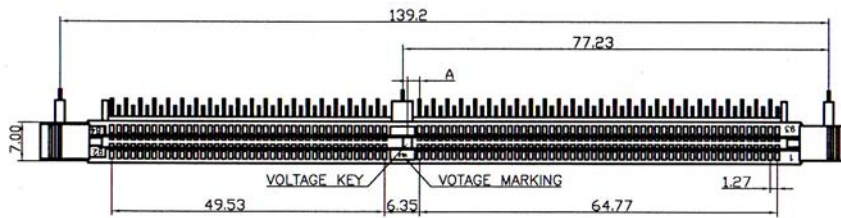
## ORDERING INFORMATION:

P/N 1 2 R  $\frac{x}{1}$  - 1 8 4 S B  $\frac{x}{3}$   $\frac{x}{4}$   $\frac{x}{5}$

- VOLTAGE TYPE:
  - "16" 1.8V (A= 3.175MM)
  - "17" 2.5V (A= 2.175MM)
  - "18" 3.3V (A= 4.175MM)
- NO. OF CONTACTS: 184
- CONTACT FINISH:
  - "S" SELECTIVE GOLD PLATED
- INSULATOR COLOR:
  - "B" BLACK (STANDARD)
  - "T" VIOLET
- GOLD PLATED THICKNESS:
  - "01" GOLD FLASH

NOTE: SPACING OF ROWS= 1.9MM

**1.27MM DDR SOCKET 184 PIN 25 DEGREE ANGLE  
STANDARD TYPE ROW SPACING=1.9MM**

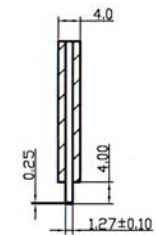
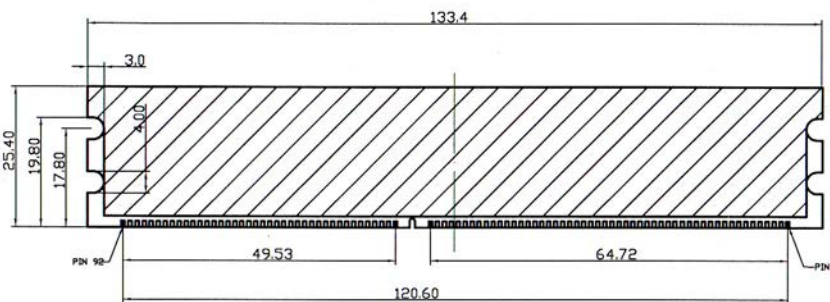
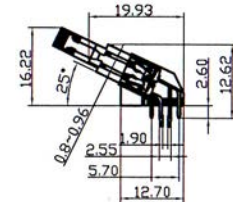
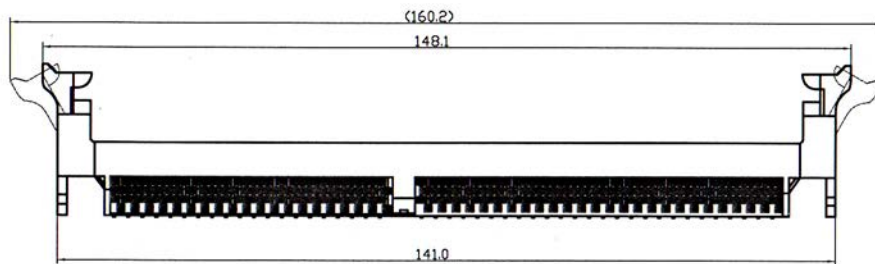


**SPECIFICATIONS**

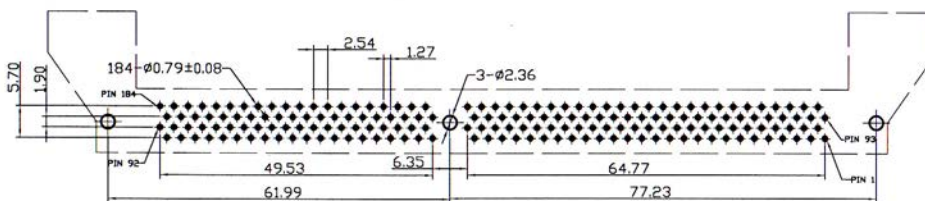
- Current Rating: 1.0 Amp
- Dielectric Withstanding: 500V AC
- Insulation Resistance: 1000MΩ Min
- Contact Resistance: 30mΩ Max.
- Operating Temperature: -25°C to + 105°C

**MATERIALS**

- Housing: LCP, UL94V-0
- Contact Material: Copper Alloy
- All materials must be RoHS compliant.



DAUGHTER CARD REQUIREMENTS



Recommended P.C.Board Layout

**ORDERING INFORMATION:**

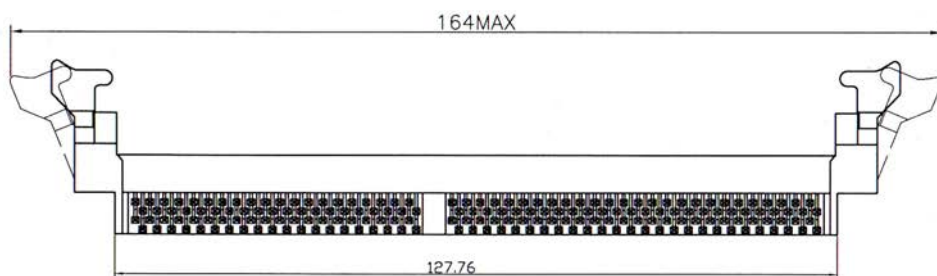
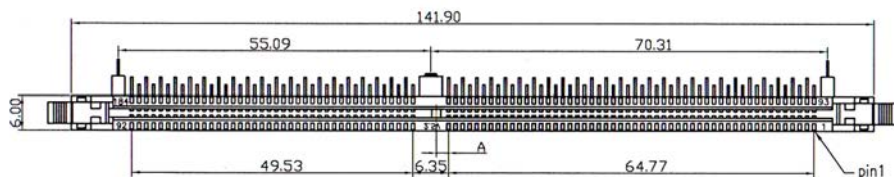
**P/N 1 2 R  $\frac{x}{1}$  x - 1 8 4 S  $\frac{B}{2}$   $\frac{x}{3}$   $\frac{x}{4}$   $\frac{x}{5}$**

1. VOLTAGE TYPE:  
"19" 1.8V (A= 3.175MM)  
"20" 2.5V (A= 2.175MM)  
"21" 3.3V (A= 4.175MM)
2. NO. OF CONTACTS:  
184
3. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED
4. INSULATOR COLOR:  
"B" BLACK (STANDARD)

5. GOLD PLATED THICKNESS:  
"01" GOLD FLASH  
"03" 3 MICROINCH GOLD

NOTE: SPACING OF ROWS= 1.9MM

## 1.27MM DDR SOCKET 184 PIN 25 DEGREE ANGLE STANDARD TYPE

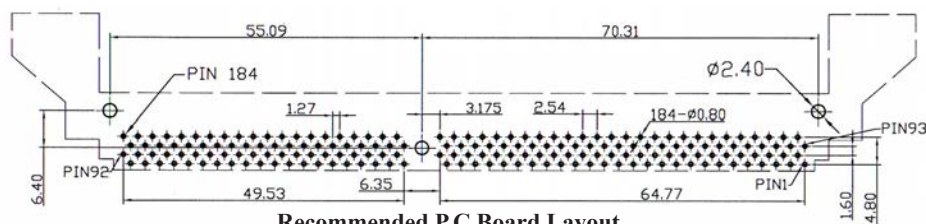
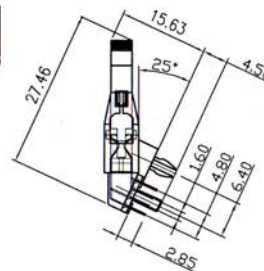


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstanding:** 500V AC  
**Insulation Resistance:** 1000MΩ Min  
**Contact Resistance:** 30mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Housing:** LCP, UL94V-0  
**Contact Material:** Copper Alloy  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 1 2 R  $\frac{x x}{1}$  - 1 8 4 S B  $\frac{x x}{3 4 5}$

#### 1. VOLTAGE TYPE:

"25" 1.8V (A= 3.175MM)  
 "26" 2.5V (A= 2.175MM)  
 "27" 3.3V (A= 4.175MM)

#### 2. NO. OF CONTACTS:

184

#### 3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

#### 4. INSULATOR COLOR:

"B" BLACK (STANDARD)

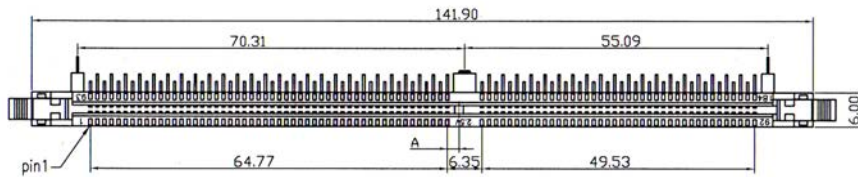
#### 5. GOLD PLATED THICKNESS:

"03" 3 MICROINCH GOLD

NOTE: SPACING OF ROWS= 1.6MM



**1.27MM DDR SOCKET 184 PIN 25 DEGREE ANGLE  
REVERSE TYPE ROW SPACING=1.6MM**

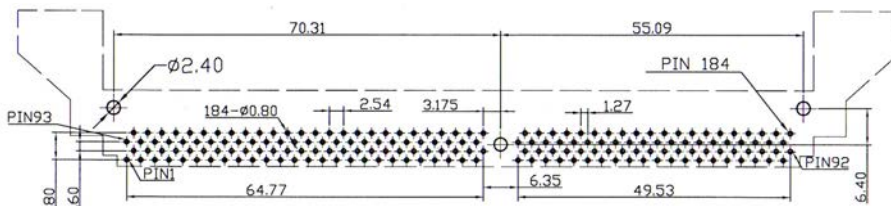
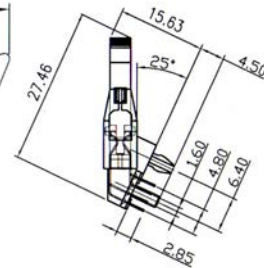
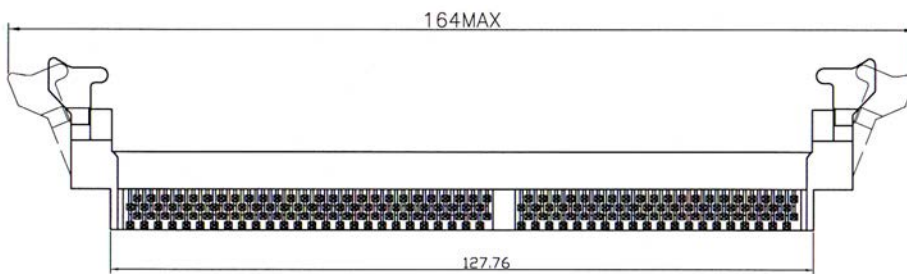


**SPECIFICATIONS**

- Current Rating:** 1.0 Amp
- Dielectric Withstanding:** 500V AC
- Insulation Resistance:** 1000MΩ Min
- Contact Resistance:** 30mΩ Max.
- Operating Temperature:** -55°C to + 105°C

**MATERIALS**

- Housing:** LCP, UL94V-0
- Contact Material:** Copper Alloy
- All materials must be RoHS compliant.**



**Recommended P.C.Board Layout**

**ORDERING INFORMATION:**

**P/N 1 2 R  $\frac{xx}{1}$  - 184 S B  $\frac{xx}{3 4 5}$**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1. VOLTAGE TYPE:<br/>"28" 1.8V (A= 3.175MM)<br/>"29" 2.5V (A= 2.175MM)<br/>"30" 3.3V (A= 4.175MM)</li> <li>2. NO. OF CONTACTS:<br/>184</li> <li>3. CONTACT FINISH:<br/>"S" SELECTIVE GOLD PLATED</li> <li>4. INSULATOR COLOR:<br/>"B" BLACK (STANDARD)<br/>"T" VIOLETT</li> </ul> | <ul style="list-style-type: none"> <li>5. GOLD PLATED THICKNESS:<br/>"01" GOLD FLASH<br/>"03" 3 MICROINCH GOLD<br/>"15" 15 MICROINCH GOLD</li> </ul> <p>NOTE: SPACING OF ROWS= 1.6MM</p> |
|--|--|

## 1.27MM 184 PIN DDR SOCKET STRAIGHT DIP TYPE WITH 3 METAL PLOSTS

### SPECIFICATIONS

Voltage Current Rating: 1A 250V AC

Insulation Resistance: 1000MΩ Min.

Contact Resistance: 30mΩ Max

Withstanding Voltage: AC 500V for 1 Min.

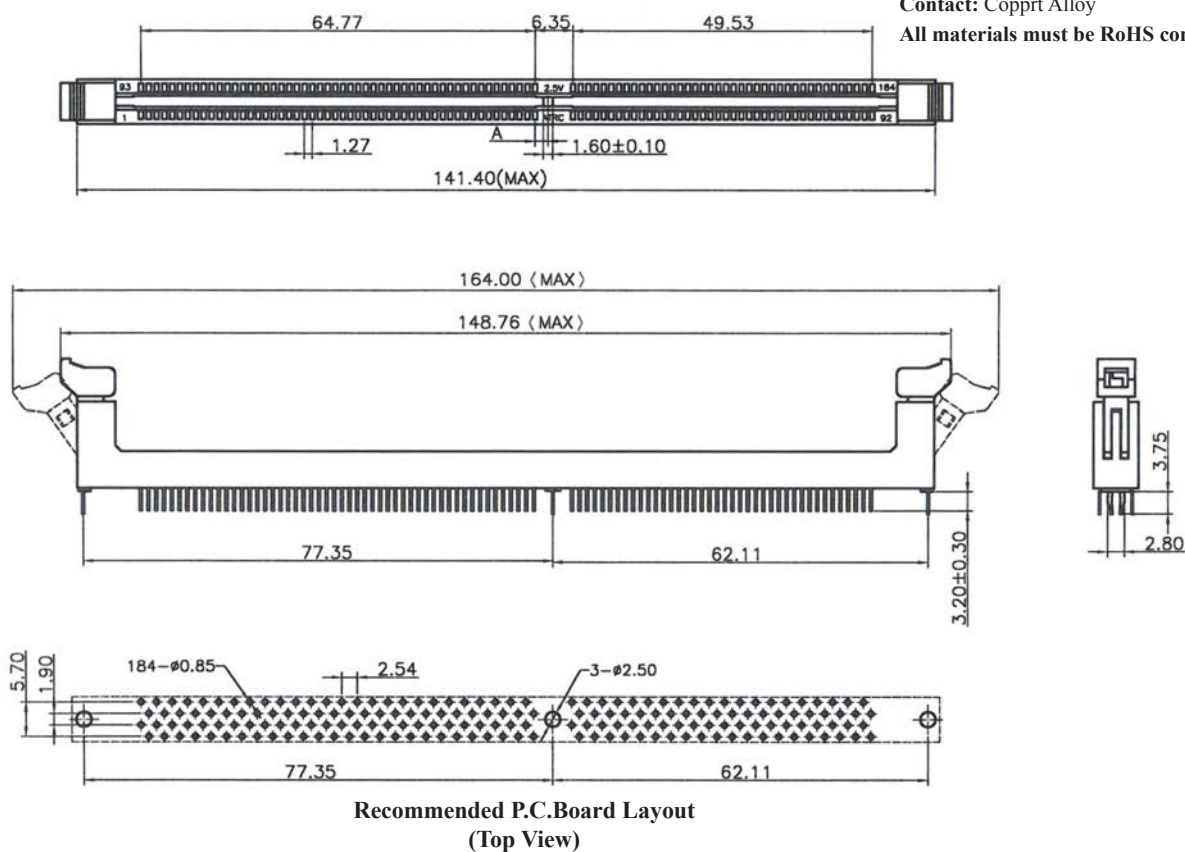
Temperature Range: -55°C to +105°C

### MATERIAL

Housing: NY, UL94V-0

Contact: Copprt Alloy

All materials must be RoHS compliant.



### ORDERING INFORMATION:

P/N 1 2 R X X - 1 8 4 S B X X  
           1      2      3 4 5

1. VOLTAGE OPTION:

"R35" 1.8V A=3.175MM

"R36" 2.5V A=2.175MM

"R37" 3.3V A=4.175MM

2. NO. OF CONTACTS:

184

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

4. INSULATOR COLOR:

"B" BLACK

5. GOLD PLATED THICKNESS:

"01" GOLD FLASH

"03" 3 MICROINCH GOLD

"15" 15 MICROINCH GOLD

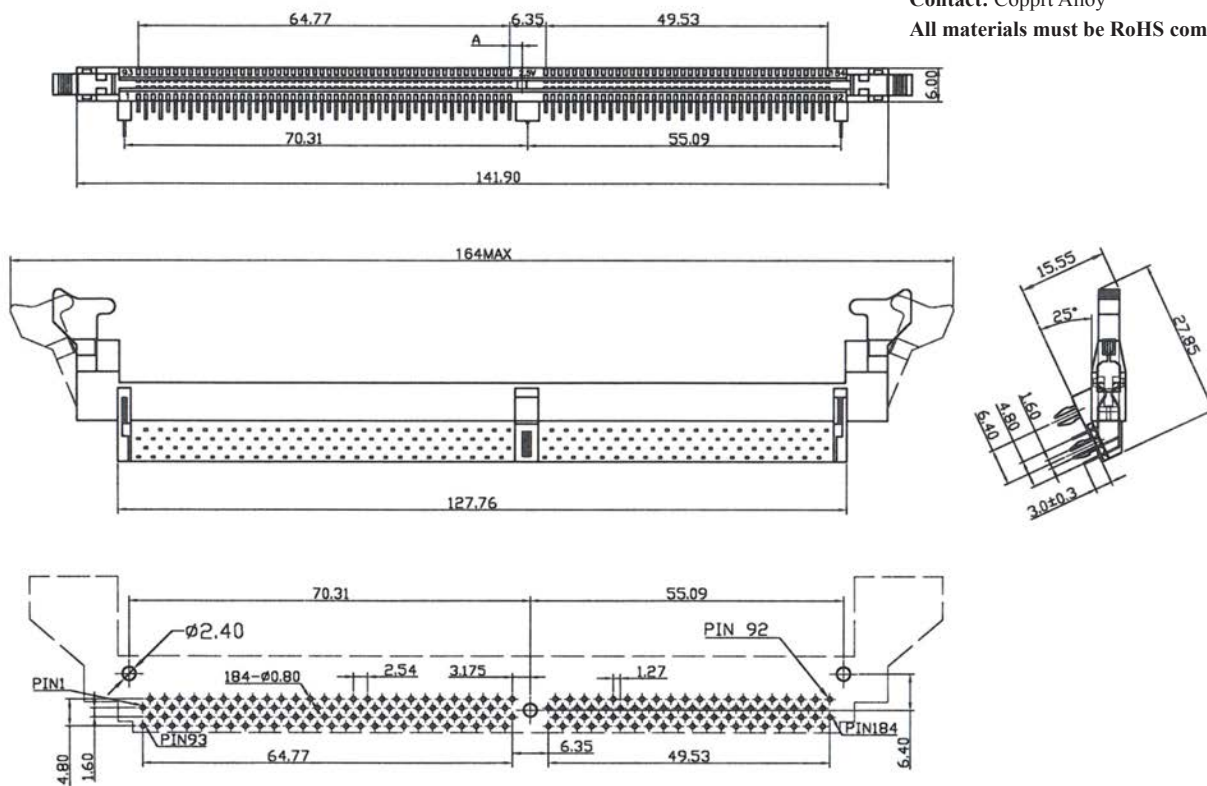
# 1.27MM 184 PIN DDR SOCKET 25 DEGREE ANGLED STANDARD TYPE ROW SPACING=1.6MM

## SPECIFICATIONS

**Voltage Current Rating:** 1A 250V AC  
**Insulation Resistance:** 1000MΩ Min.  
**Contact Resistance:** 30mΩ Max  
**Withstanding Voltage:** AC 500V for 1 Min.  
**Temperature Range:** -55°C to +105°C

## MATERIAL

**Housing:** LCP, UL94V-0  
**Contact:** Copprt Alloy  
 All materials must be RoHS compliant.



Recommended P.C.Board Layout  
(Top View)

## ORDERING INFORMATION:

P/N 1 2 R X X - 1 8 4 S B X X  
 1 2 3 4 5

1. VOLTAGE OPTION:  
 "R38" 1.8V A=3.175MM  
 "R39" 2.5V A=2.175MM  
 "R40" 3.3V A=4.175MM
2. NO. OF CONTACTS:  
 184
3. CONTACT FINISH:  
 "S" SELECTIVE GOLD PLATED
4. INSULATOR COLOR:  
 "B" BLACK
5. GOLD PLATED THICKNESS:  
 "01" GOLD FLASH  
 "03" 3 MICROINCH GOLD  
 "15" 15 MICROINCH GOLD

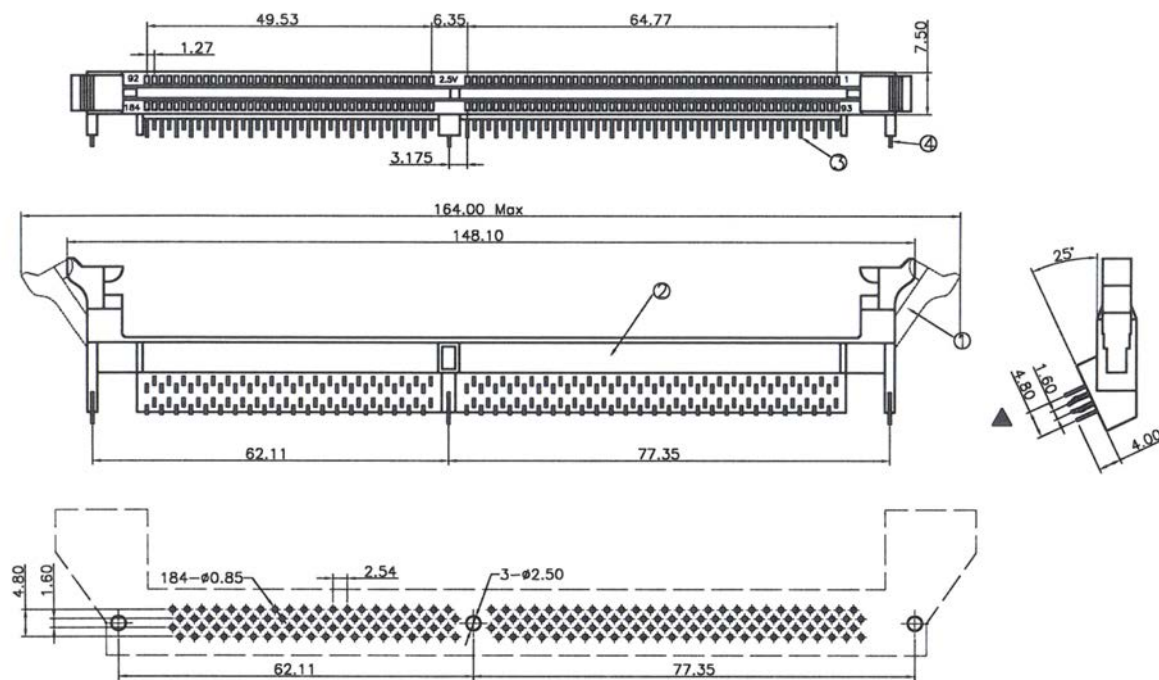
**1.27MM 184 PIN DDR SOCKET 25 DEGREE ANGLED  
REVERSE TYPE ROW SPACING=1.6MM**

**SPECIFICATIONS**

**Voltage Current Rating:** 1A 250V AC  
**Insulation Resistance:** 1000MΩ Min.  
**Contact Resistance:** 30mΩ Max  
**Withstanding Voltage:** AC 500V for 1 Min.  
**Temperature Range:** -25°C to +105°C

**MATERIAL**

**Housing:** High Temperature Thermoplastic,  
 UL94V-0  
**Contact:** Copprt Alloy  
**All materials must be RoHS compliant.**



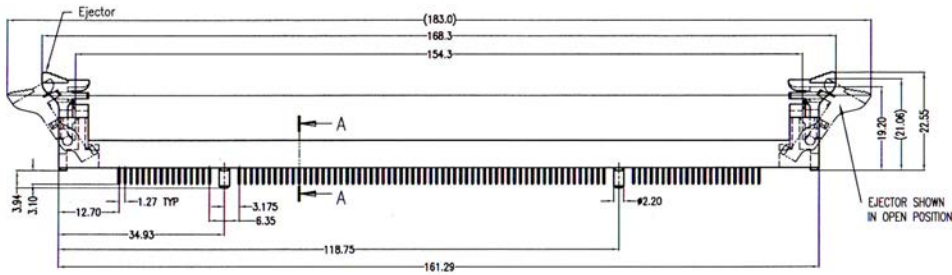
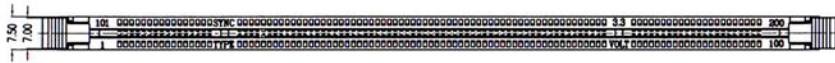
**Recommended P.C.Board Layout  
(Top View)**

**ORDERING INFORMATION:**

**P/N 1 2 R X X - 1 8 4 S B X X**  
 1 2 3 4 5

1. VOLTAGE OPTION:  
 "R41" 1.8V A=3.175MM  
 "R42" 2.5V A=2.175MM  
 "R43" 3.3V A=4.175MM
2. NO. OF CONTACTS:  
 184
3. CONTACT FINISH:  
 "S" SELECTIVE GOLD PLATED
4. INSULATOR COLOR:  
 "B" BLACK
5. GOLD PLATED THICKNESS:  
 "01" GOLD FLASH  
 "03" 3 MICROINCH GOLD  
 "15" 15 MICROINCH GOLD

# 1.27MM DDR SOCKET 200 PIN 3.3V/A=3.175MM WITH POTHOOK EJECTOR & PLASTIC POSTS

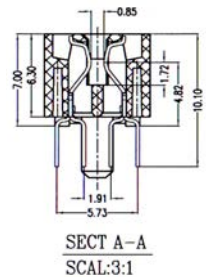
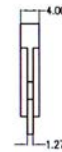
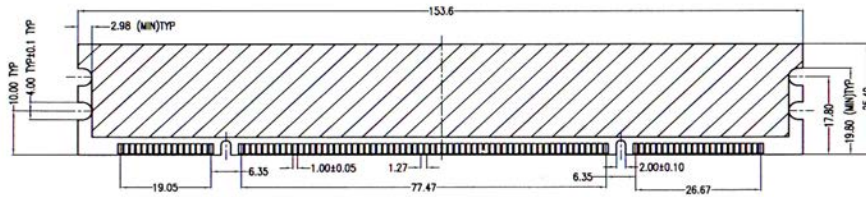


## SPECIFICATIONS

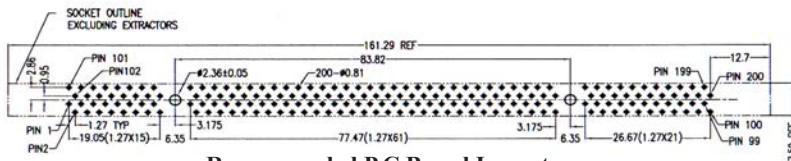
- Current Rating: 1.0 Amp
- Dielectric Withstanding: 10000V AC
- Insulation Resistance: 1000MΩ Min
- Contact Resistance: 30mΩ Max.
- Operating Temperature: -55°C to + 105°C

## MATERIALS

- Housing: LCP, UL94V-0
- Contact Material: Brass
- All materials must be RoHS compliant.



Recommended Daughter Card



Recommended P.C.Board Layout

## ORDERING INFORMATION:

P/N 1 2 R 3 1 -  $\frac{200}{1}$   $\frac{S}{2}$   $\frac{B}{3}$   $\frac{x}{4}$

1. NO. OF CONTACTS:  
200
2. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED
3. INSULATOR COLOR:  
"B" BLACK
4. GOLD PLATED THICKNESS:  
"01" GOLD FLASH  
"05" 5 MICROINCH GOLD  
"10" 10 MICROINCH GOLD  
"15" 15 MICROINCH GOLD  
"30" 30 MICROINCH GOLD

# 1.27MM SIMM SOCKET ALL PIN STRAIGHT DIP TYPE WITH REVERSE KEY

NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
64	39.37	39.37	50.80	50.80	105.23
68	41.90	41.90	53.34	53.34	110.31
72	44.45	44.45	55.78	55.78	115.45
80	49.53	49.53	61.26	61.26	125.96
100	62.23	62.23	73.66	73.66	150.95

## SPECIFICATIONS

**Voltage Current Rating:** 1A

**Insulation Resistance:** 1000MΩ Min.

**Contact Resistance:** 30mΩ Max

**Withstanding Voltage:** AC 500V for 1 Min.

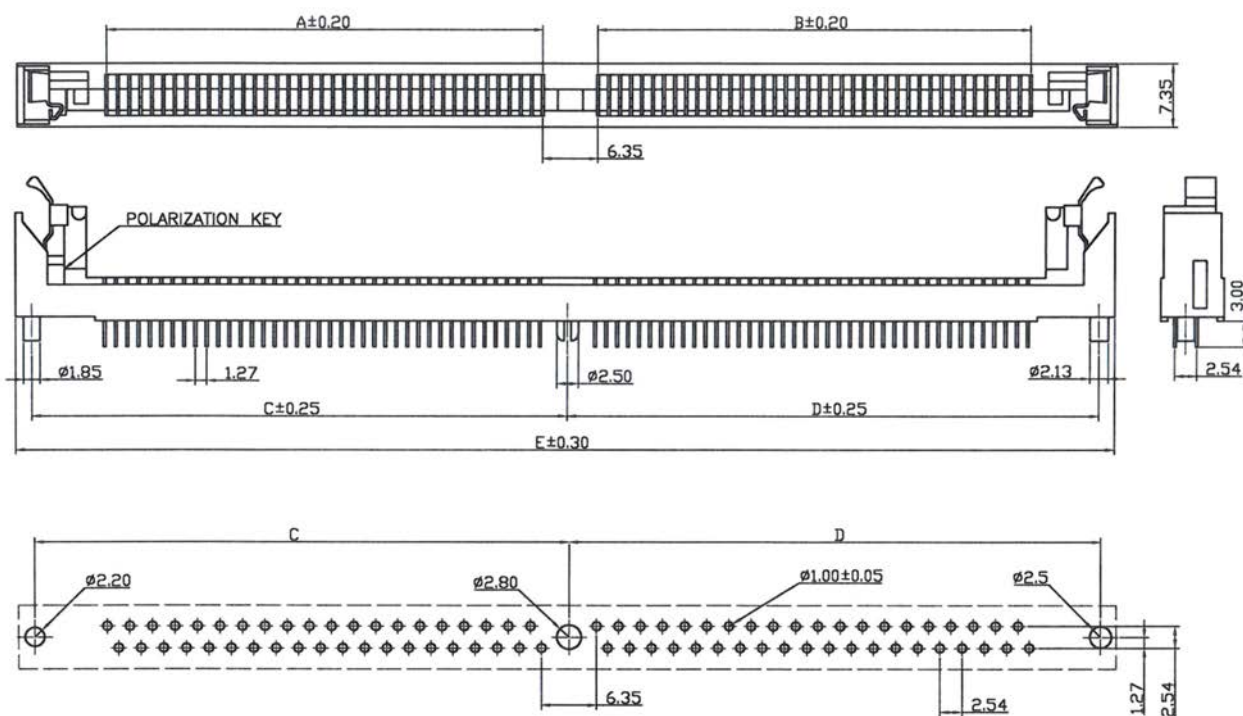
**Temperature Range:** -55°C to +105°C

## MATERIAL

**Housing:** LCP or NY, UL94V-0

**Contact:** Copprt Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout  
(Top View)

## ORDERING INFORMATION:

P/N 1 2 7 S 2 -  $\frac{x x x x}{1} \frac{V}{23}$

1. NO. OF CONTACTS:  
064, 068, 072, 080, 100
2. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
3. INSULATOR COLOR:  
"V" IVORY

# 1.27MM SIMM SOCKET ALL PIN STRAIGHT DIP TYPE WITH STANDARD KEY & LOW METAL LATCHES

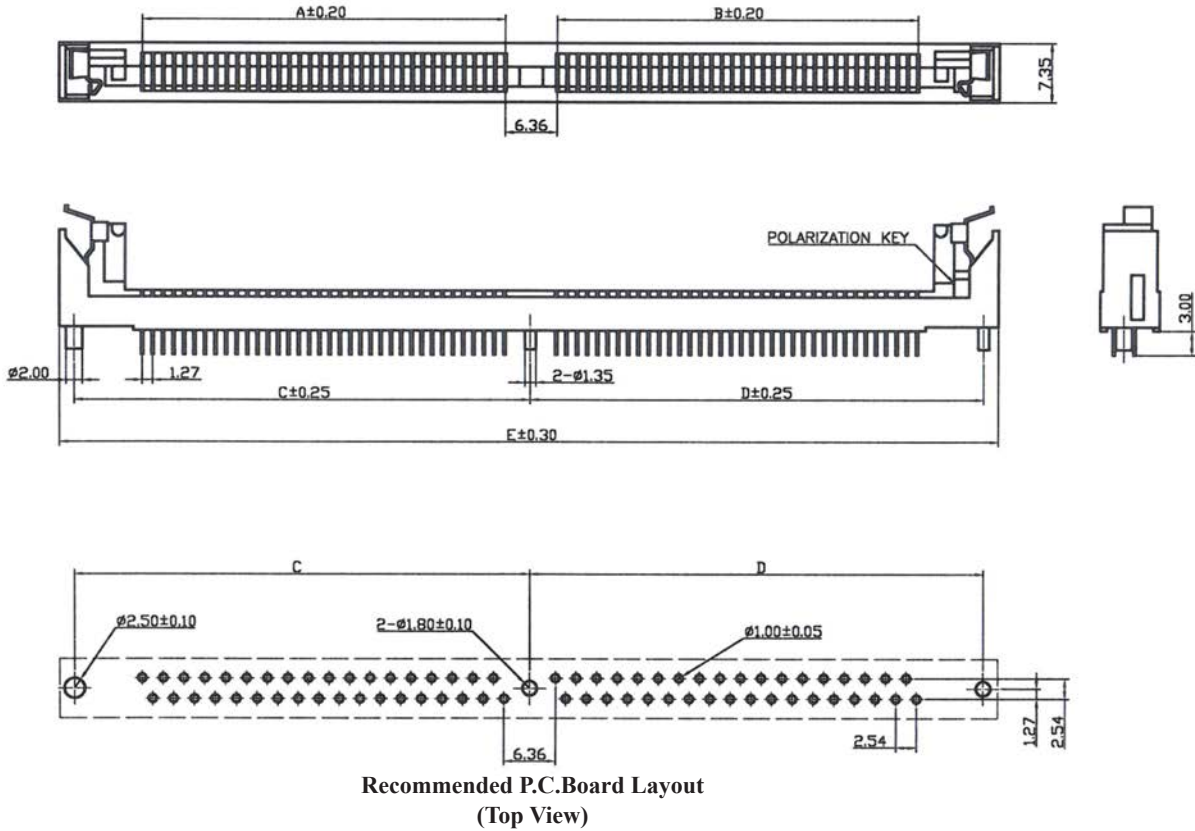
NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
64	39.37	39.37	50.80	50.80	105.23
68	41.90	41.90	53.34	53.34	110.31
72	44.45	44.45	55.78	55.78	115.45
80	49.53	49.53	61.26	61.26	125.96
100	62.23	62.23	73.66	73.66	150.95

## SPECIFICATIONS

**Voltage Current Rating:** 1A  
**Insulation Resistance:** 1000MΩ Min.  
**Contact Resistance:** 30mΩ Max  
**Withstanding Voltage:** AC 500V for 1 Min.  
**Temperature Range:** -55°C to +105°C

## MATERIAL

**Housing:** LCP or NY, UL94V-0  
**Contact:** Copprt Alloy  
 All materials must be RoHS compliant.



## ORDERING INFORMATION:

P/N 1 2 7 S L -  $\frac{XXX}{1}$   $\frac{X}{23}$  V

- NO. OF CONTACTS:  
064, 068, 072, 080, 100
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- INSULATOR COLOR:  
"V" IVORY

# 1.27MM SIMM SOCKET ALL PIN STRAIGHT DIP TYPE WITH REVERSE KEY & LOW METAL LATCHES

NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
64	39.37	39.37	50.80	50.80	105.23
68	41.90	41.90	53.34	53.34	110.31
72	44.45	44.45	55.78	55.78	115.45
80	49.53	49.53	61.26	61.26	125.96

## SPECIFICATIONS

**Voltage Current Rating:** 1A

**Insulation Resistance:** 1000MΩ Min.

**Contact Resistance:** 30mΩ Max

**Withstanding Voltage:** AC 500V for 1 Min.

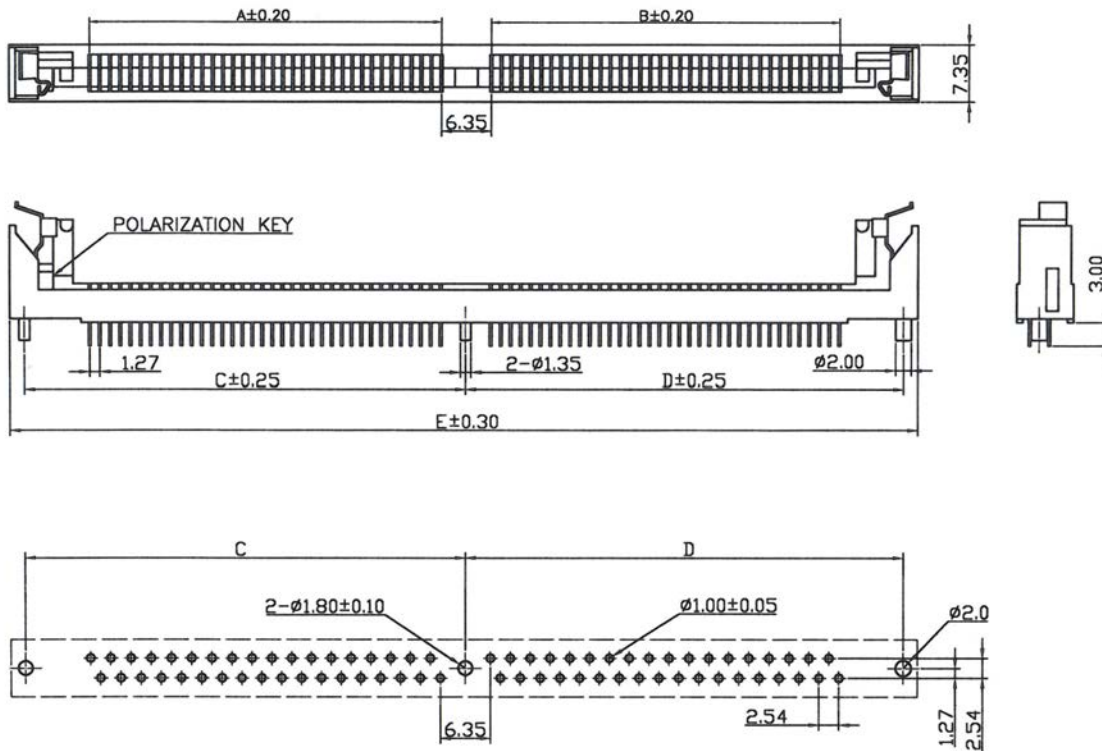
**Temperature Range:** -55°C to +105°C

## MATERIAL

**Housing:** LCP or NY, UL94V-0

**Contact:** Copprt Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout  
(Top View)

## ORDERING INFORMATION:

P/N 1 2 7 S 3 -  $\frac{X X X X V}{1 \quad 2 \quad 3}$

1. NO. OF CONTACTS:  
064, 068, 072, 080
2. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
3. INSULATOR COLOR:  
"V" IVORY



# 1.27MM SIMM SOCKET ALL PIN STRAIGHT DIP TYPE WITH REVERSE KEY & HIGH METAL LATCHES

NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
64	39.37	39.37	50.80	50.80	105.23
68	41.90	41.90	53.34	53.34	110.31
72	44.45	44.45	55.78	55.78	115.45
80	49.53	49.53	61.26	61.26	125.96

## SPECIFICATIONS

**Voltage Current Rating:** 1A

**Insulation Resistance:** 1000MΩ Min.

**Contact Resistance:** 30mΩ Max

**Withstanding Voltage:** AC 500V for 1 Min.

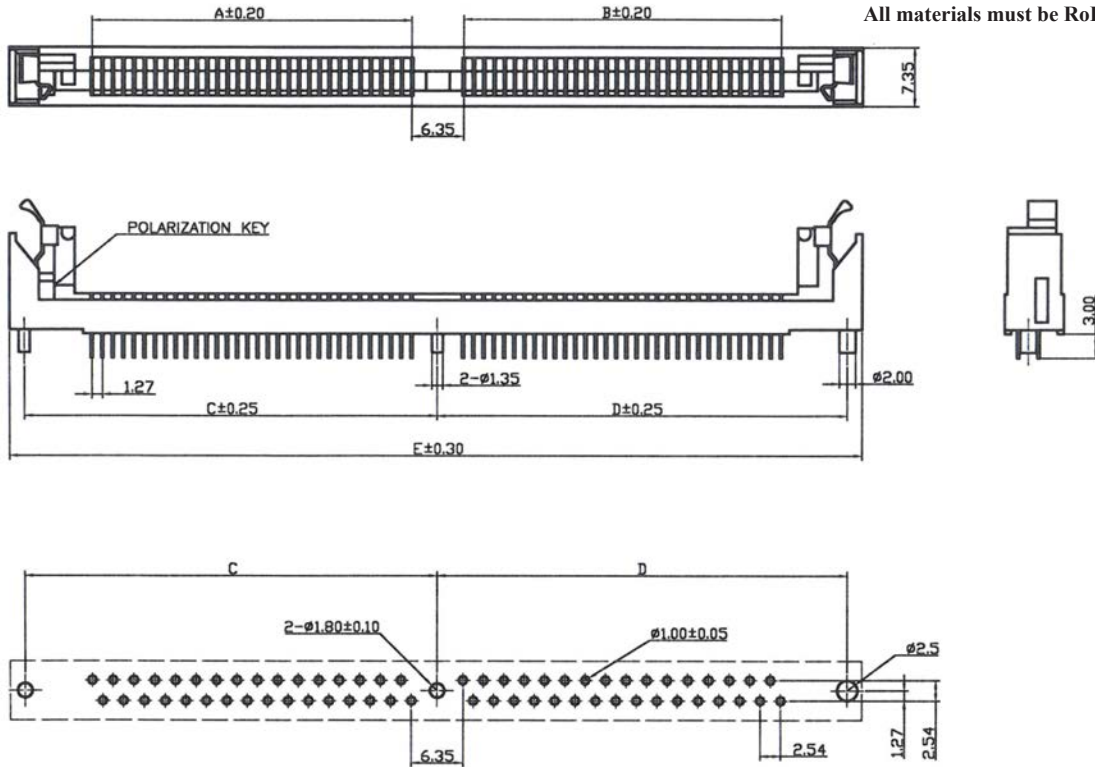
**Temperature Range:** -55°C to +105°C

## MATERIAL

**Housing:** LCP or NY, UL94V-0

**Contact:** Copprt Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout  
(Top View)

## ORDERING INFORMATION:

P/N 1 2 7 S 4 -  $\frac{x x x x}{1} \frac{V}{23}$

1. NO. OF CONTACTS:  
064, 068, 072, 080
2. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
3. INSULATOR COLOR:  
"V" IVORY

## 1.27MM SIMM SOCKET 40 PIN STRAIGHT DIP TYPE WITH STANDARD KEY

### SPECIFICATIONS

Voltage Current Rating: 1A

Insulation Resistance: 1000M $\Omega$  Min.

Contact Resistance: 30m $\Omega$  Max

Withstanding Voltage: AC 500V for 1 Min.

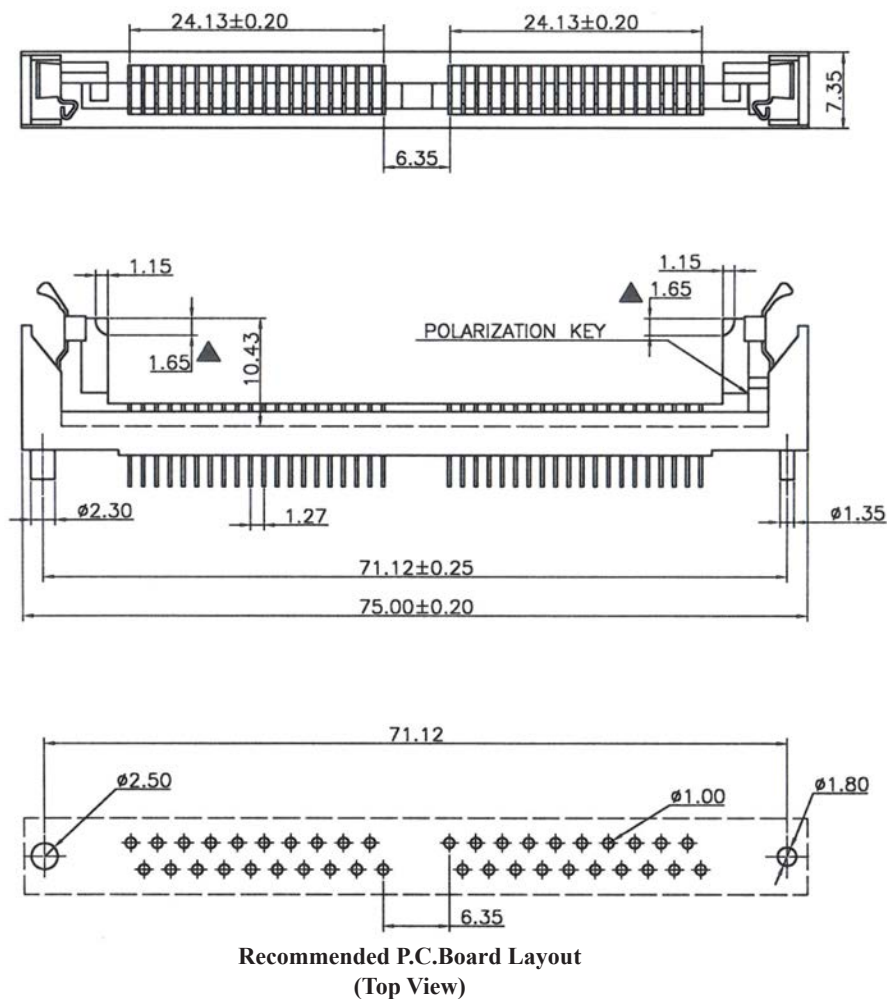
Temperature Range: -55°C to +105°C

### MATERIAL

Housing: LCP or NY, UL94V-0

Contact: Copprt Alloy

All materials must be RoHS compliant.



### ORDERING INFORMATION:

P/N 1 2 7 S M -  $\frac{0 4 0}{1}$  x  $\frac{V}{2 3}$

1. NO. OF CONTACTS:  
040
2. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
3. INSULATOR COLOR:  
"V" IVORY

## 1.27MM SIMM SOCKET 68 PIN STRAIGHT TYPE WITH STANDARD KEY

### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstanding:** 500V AC

**Insulation Resistance:** 1000M $\Omega$  Min

**Contact Resistance:** 30m $\Omega$  Max.

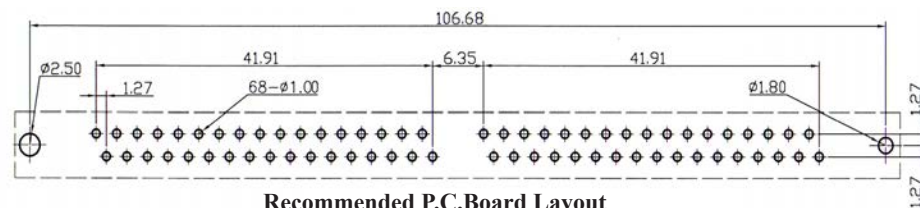
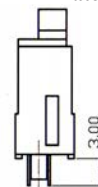
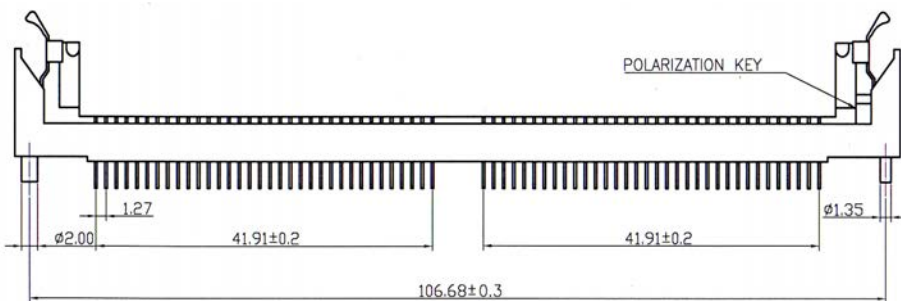
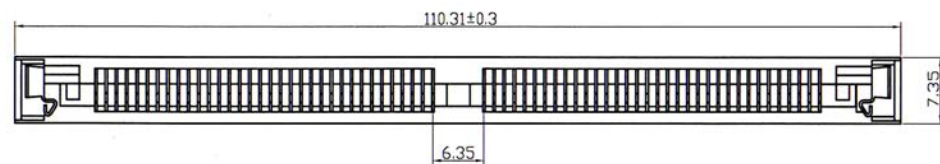
**Operating Temperature:** -55 $^{\circ}$ c to + 105 $^{\circ}$ c

### MATERIALS

**Housing:** LCP, UL94V-0

**Contact Material:** Copper Alloy

All materials must be RoHS compliant.



### ORDERING INFORMATION:

P/N 1 2 7 S M - 0 6 8 x V  
1 2 3

1. NO. OF CONTACTS:  
068
2. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
3. INSULATOR COLOR:  
"V" IVORY

# 1.27MM SIMM SOCKET 72 PIN STRAIGHT DIP TYPE WITH STANDARD KEY

NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
72	44.45	44.45	55.78	55.78	115.45

## SPECIFICATIONS

**Voltage Current Rating:** 1A

**Insulation Resistance:** 1000MΩ Min.

**Contact Resistance:** 30mΩ Max

**Withstanding Voltage:** AC 500V for 1 Min.

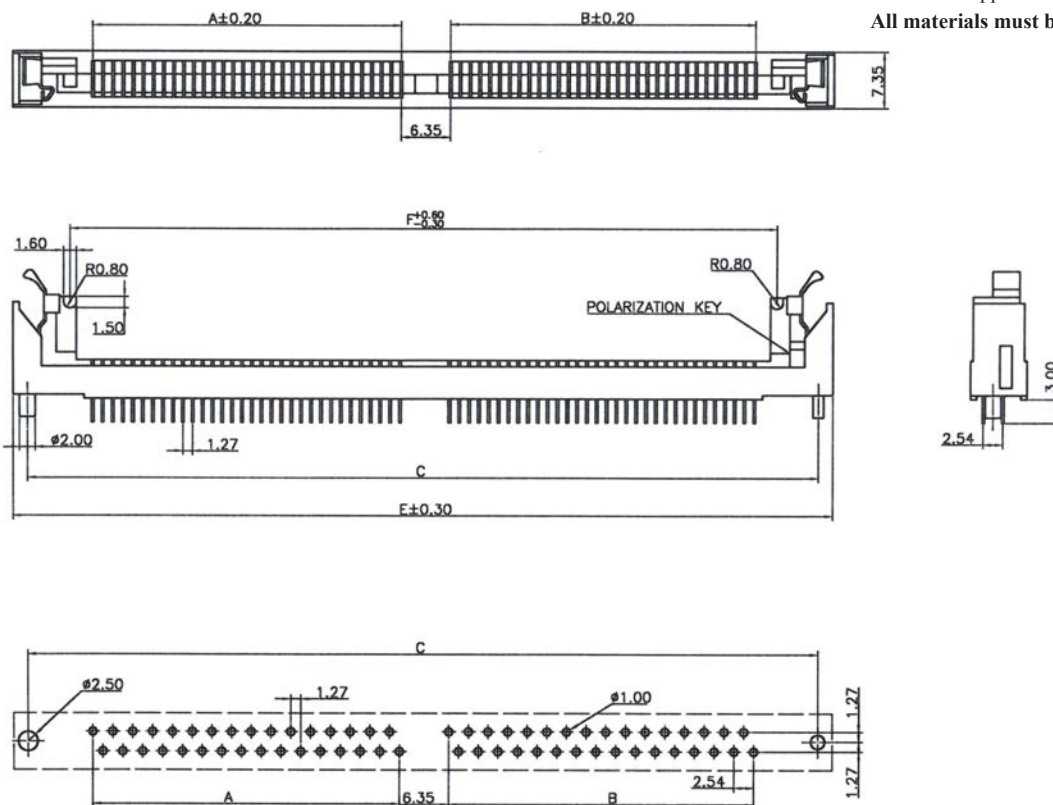
**Temperature Range:** -55°C to +105°C

## MATERIAL

**Housing:** LCP or NY, UL94V-0

**Contact:** Copprt Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout  
(Top View)

## ORDERING INFORMATION:

P/N 1 2 7 S M -  $\frac{0}{1} \frac{7}{2} \frac{2}{3} \times \frac{V}{3}$

1. NO. OF CONTACTS:  
072
2. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
3. INSULATOR COLOR:  
"V" IVORY

## 1.27MM SIMM SOCKET 72 PIN STRAIGHT DIP TYPE WITH REVERSE KEY

### SPECIFICATIONS

Voltage Current Rating: 1A

Insulation Resistance: 1000MΩ Min.

Contact Resistance: 30mΩ Max

Withstanding Voltage: AC 500V for 1 Min.

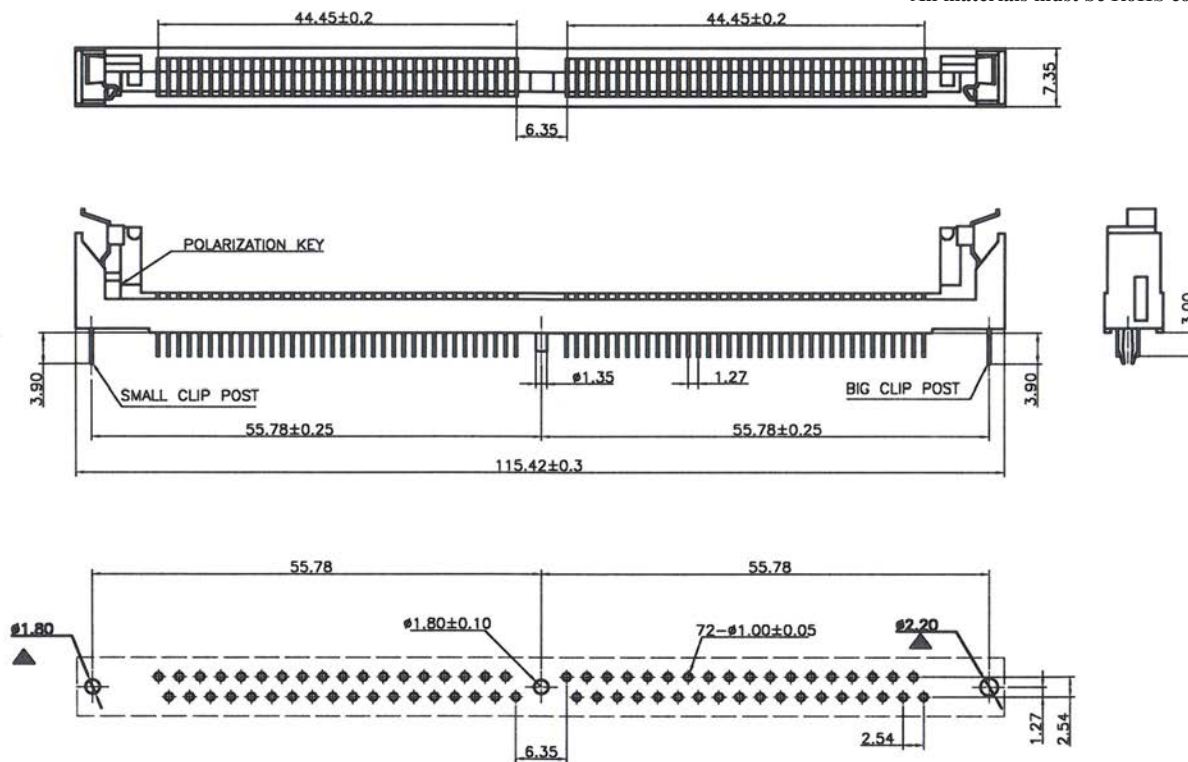
Temperature Range: -55°C to +105°C

### MATERIAL

Housing: LCP or NY, UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.



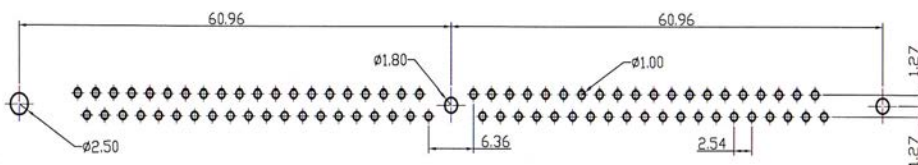
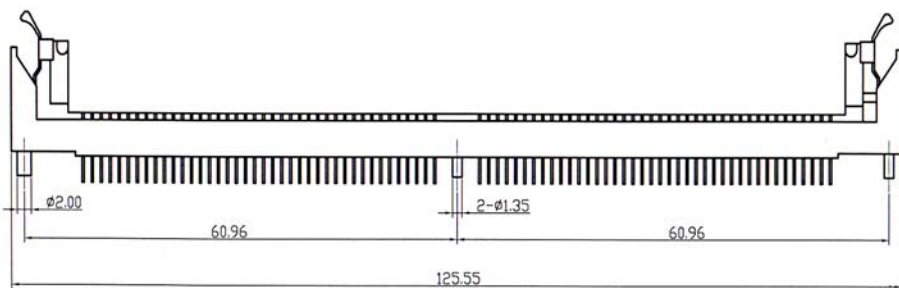
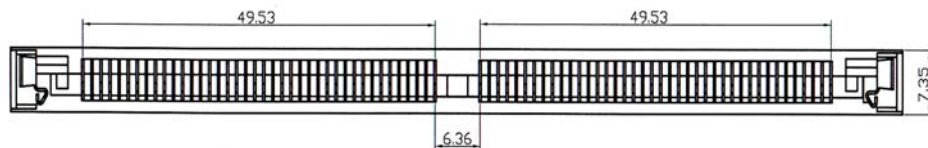
Recommended P.C.Board Layout  
(Top View)

### ORDERING INFORMATION:

P/N 1 2 7 S 1 -  $\frac{0}{1} \frac{7}{2} \frac{S}{3} \frac{V}{4} X X$

1. NO. OF CONTACTS:  
072
2. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED
3. INSULATOR COLOR:  
"V" IVORY
4. GOLD PLATED THICKNESS:  
"01" GOLD FLASH  
"15" 15 MICROINCH GOLD

## 1.27MM SIMM SOCKET 80 PIN STRAIGHT TYPE WITH STANDARD KEY



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstanding:** 500V AC

**Insulation Resistance:** 1000M $\Omega$  Min

**Contact Resistance:** 30m $\Omega$  Max.

**Operating Temperature:** -55 $^{\circ}$ c to + 105 $^{\circ}$ c

### MATERIALS

**Housing:** LCP, UL94V-0

**Contact Material:** Copper Alloy

All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 1 2 7 S M - 0 8 0 x x  
1 2 3

1. NO. OF CONTACTS:

080

2. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

3. INSULATOR COLOR:

"V" IVORY (STANDARD)

"B" BLACK

## 1.27MM SIMM SOCKET 80 PIN STRAIGHT DIP TYPE WITH REVERSE KEY

### SPECIFICATIONS

Voltage Current Rating: 1A

Insulation Resistance: 1000MΩ Min.

Contact Resistance: 30mΩ Max

Withstanding Voltage: AC 500V for 1 Min.

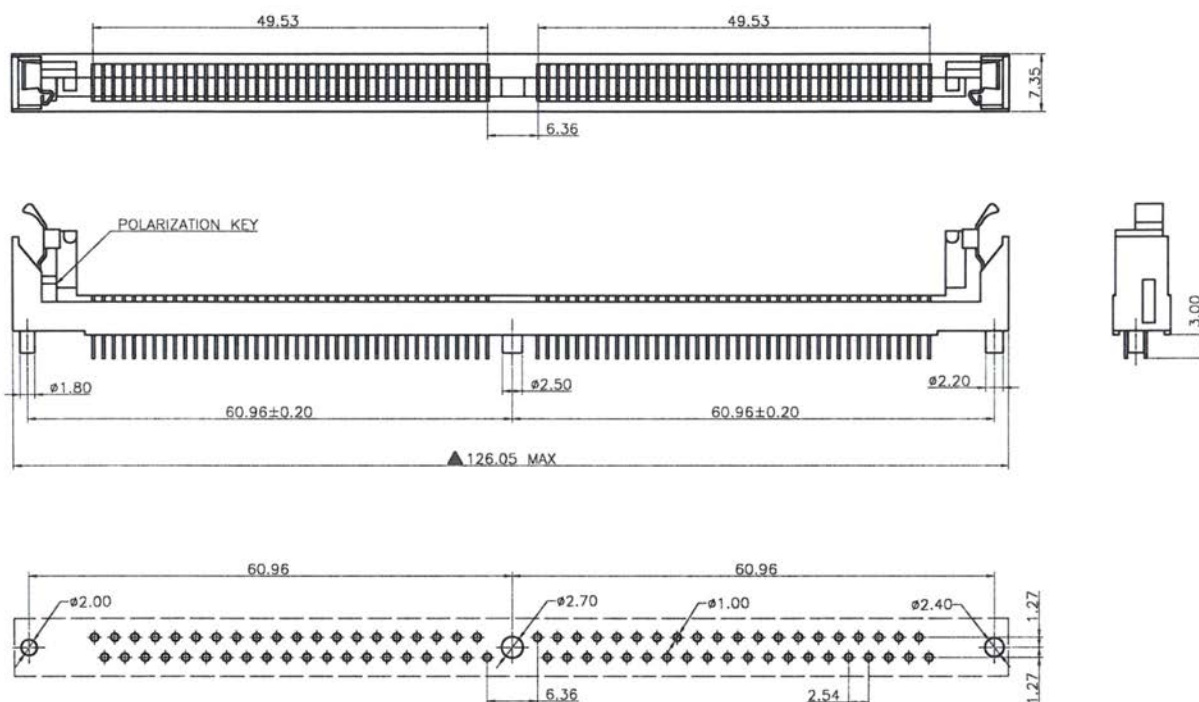
Temperature Range: -55°C to +105°C

### MATERIAL

Housing: LCP, UL94V-0

Contact: Copprt Alloy

All materials must be RoHS compliant.



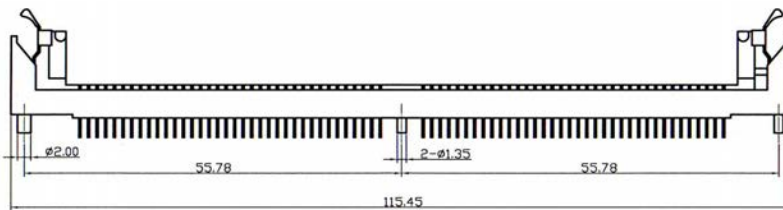
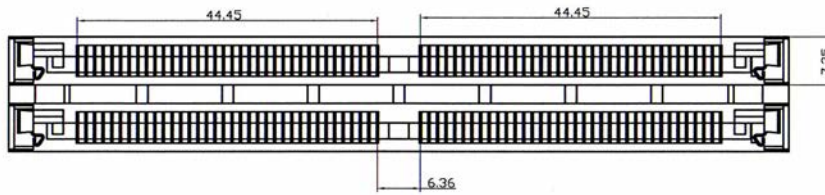
Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 1 2 7 S 1 -  $\frac{080}{1}$  x  $\frac{V}{23}$

1. NO. OF CONTACTS:  
080
2. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
3. INSULATOR COLOR:  
"V" IVORY

## 1.27MM SIMM SOCKET DOUBLE ROW 144 PIN STRAIGHT TYPE WITH PLASTIC POSTS



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstanding:** 500V AC

**Insulation Resistance:** 1000MΩ Min

**Contact Resistance:** 30mΩ Max.

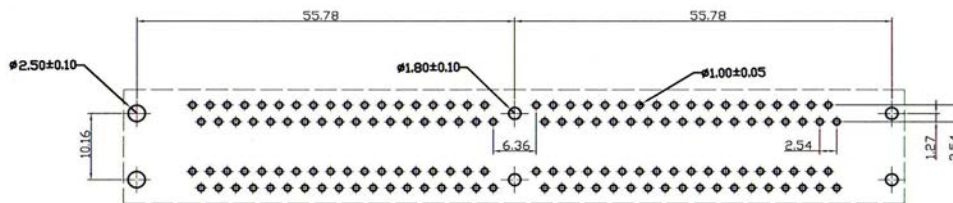
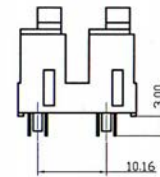
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Housing:** LCP, UL94V-0

**Contact Material:** Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout

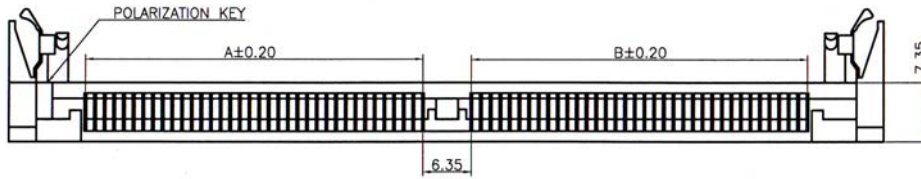
### ORDERING INFORMATION:

P/N 1 2 7 S N -  $\frac{144}{1}$   $\frac{T}{2}$   $\frac{x}{3}$

1. NO. OF CONTACTS:  
72x2=144
2. CONTACT FINISH:  
"T" FULL TIN PLATED
3. INSULATOR COLOR:  
"V" IVORY (STANDARD)  
"B" BLACK



## 1.27MM SIMM SOCKET 26 DEGREE ANGLED TYPE WITH REVERSE KEY



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstanding:** 500V AC

**Insulation Resistance:** 1000MΩ Min

**Contact Resistance:** 30mΩ Max.

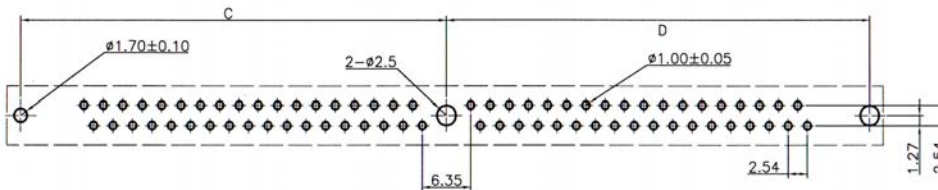
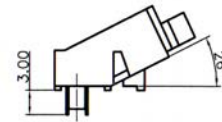
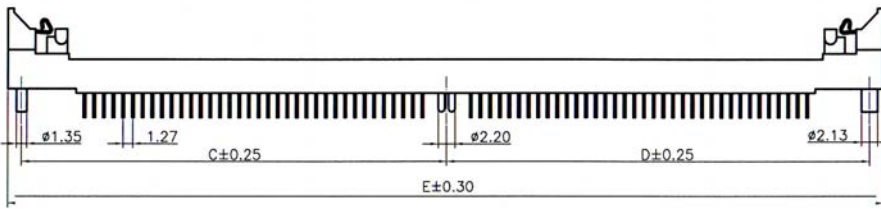
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Housing:** LCP, UL94V-0

**Contact Material:** Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)				
	A	B	C	D	E
64	39.35	39.35	50.92	50.92	105.59
68	41.89	41.89	53.46	53.46	110.67
72	44.45	44.45	56.00	56.00	115.75
80	49.53	49.53	61.26	61.26	125.96

### ORDERING INFORMATION:

P/N 1 2 7 S P -  $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{V}{3}$

1. NO. OF CONTACTS:

064, 068, 072, 080

2. CONTACT FINISH:

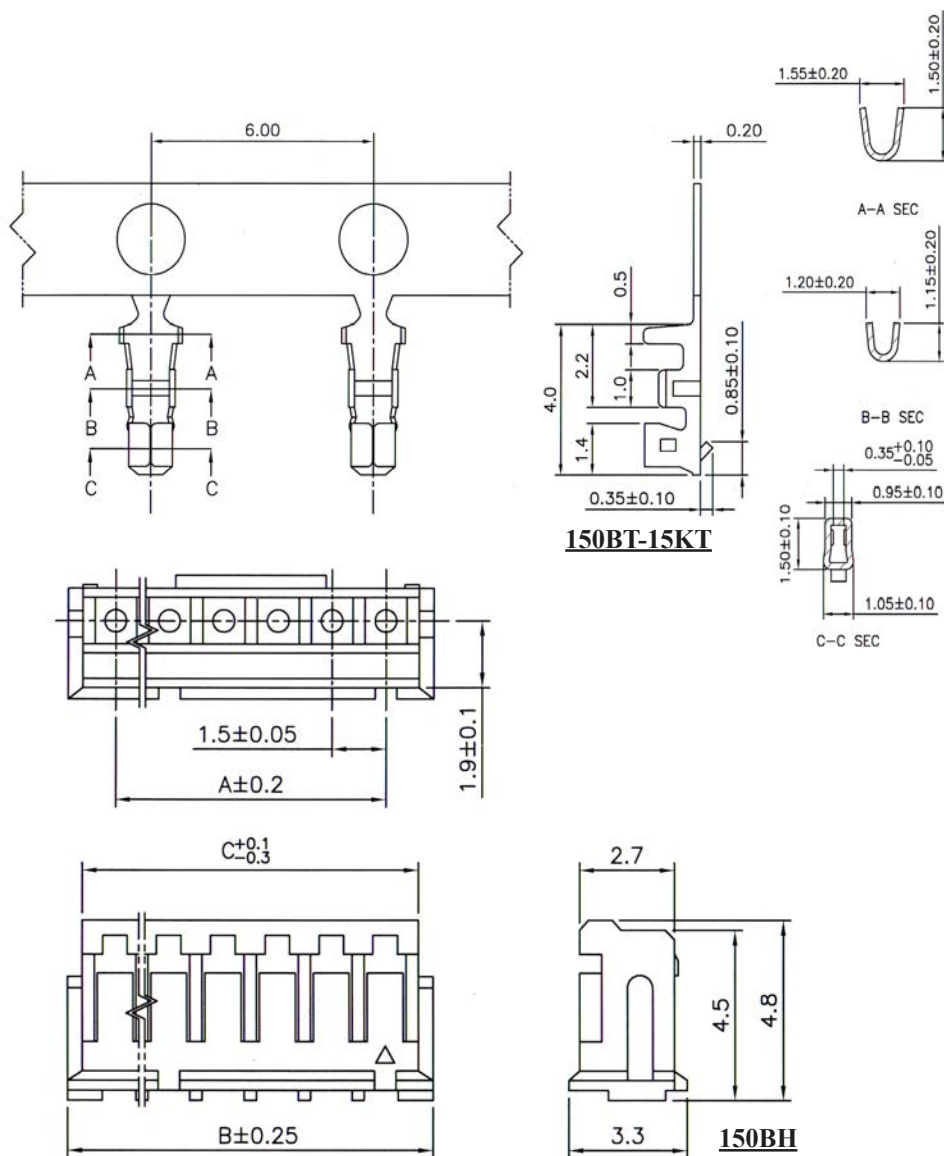
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

3. INSULATOR COLOR:

"V" IVORY

## 1.50MM(0.059") SPACING WIRE-TO-BOARD SYSTEM (A1)



**150BT-15KT**

**150BH**

### TERMINAL

Applicable Wires: AWG# 28-32

Material: Phosphor Bronze

Finish: Tin Plated

Thickness: 0.2mm

### HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

### 150BH

No. of Contacts	Dimensions(mm)		
	A	B	C
02	1.50	4.50	3.40
03	3.00	6.00	4.90
04	4.50	7.50	6.40
05	6.00	9.00	7.90
06	7.50	10.50	9.40
07	9.00	12.00	10.90
08	10.50	13.50	12.40
09	12.00	15.00	13.90
10	13.50	16.50	15.40
11	15.00	18.00	16.90
12	16.50	19.50	18.40
13	18.00	21.00	19.90

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

P/N 150BT-15KT

PU= 15.000PCS/REEL

NOTE: ACCEPTS 150BH HOUSING

#### HOUSING:

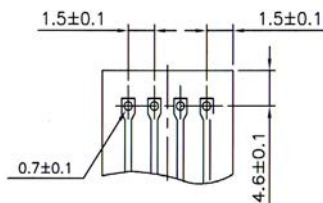
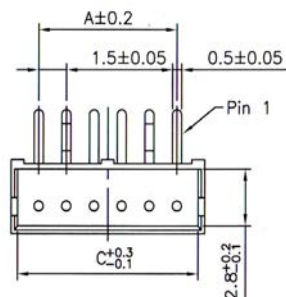
P/N 150BH -  $\frac{x}{I} x x H V$

1. NO. OF CONTACTS:

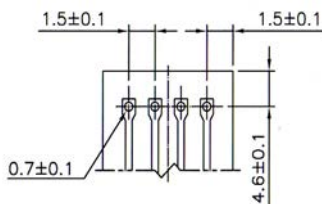
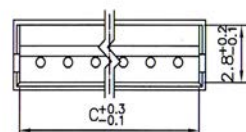
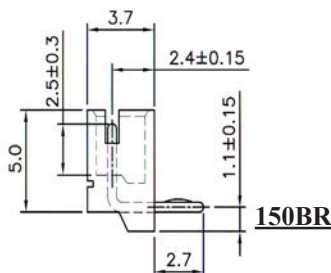
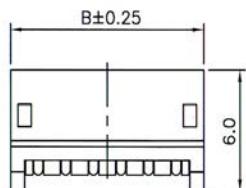
002 ~ 013

NOTE: ACCEPTS 150BT TERMINAL

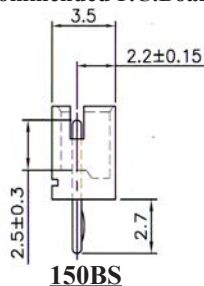
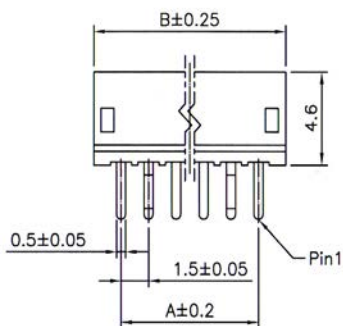
## 1.50MM(0.059") SPACING WIRE-TO-BOARD SYSTEM (A2)



Recommended P.C.Board Layout



Recommended P.C.Board Layout



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 500 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -25°C to + 85°C

### MATERIALS

**Insulator:** UL94V-0

Nylon-66

**Contacts:** Brass

All materials must be RoHS compliant.

### 150BR/150BS

No. of Contacts	Dimensions(mm)		
	A	B	C
02	1.50	4.50	3.50
03	3.00	6.00	5.00
04	4.50	7.50	6.50
05	6.00	9.00	8.00
06	7.50	10.50	9.50
07	9.00	12.00	11.00
08	10.50	13.50	12.50
09	12.00	15.00	14.00
10	13.50	16.50	15.50
11	15.00	18.00	17.00
12	16.50	19.50	18.50
13	18.00	21.00	20.00

### ORDERING INFORMATION:

P/N 150 1 2 X X - X X X T V

1. TERMINAL TYPE:

"BR" RIGHT ANGLE TYPE

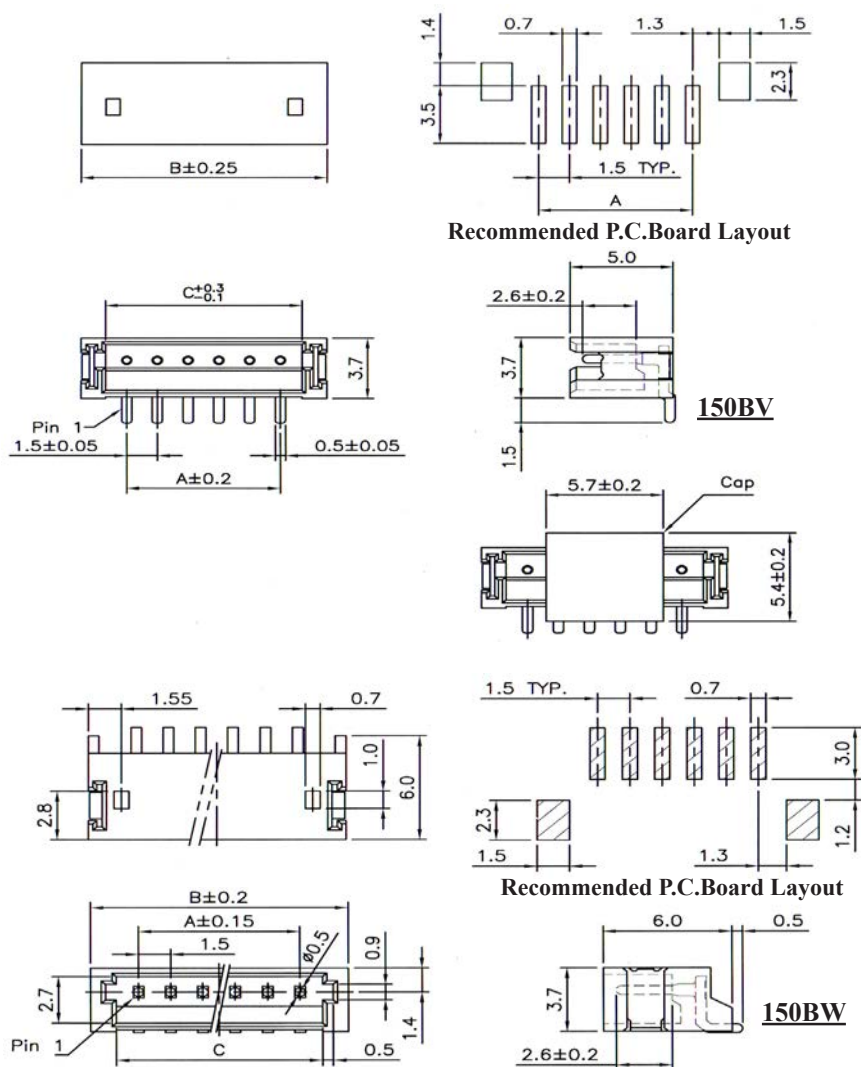
"BS" STRAIGHT TYPE

2. NO. OF CONTACTS:

002 ~ 013

NOTE: MATES WITH 150BH HOUSING

## 1.50MM(0.059") SPACING WIRE-TO-BOARD SYSTEM (A3)



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 500 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -25°C to + 85°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0

Nylon-9T

**Contacts:** Copper Alloy

**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)		
	A	B	C
02	1.50	6.00	3.60
03	3.00	7.50	5.10
04	4.50	9.00	6.60
05	6.00	10.50	8.10
06	7.50	12.00	9.60
07	9.00	13.50	11.10
08	10.50	15.00	12.60
09	12.00	16.50	14.10
10	13.50	18.00	15.60
11	15.00	19.50	17.10
12	16.50	21.00	18.60
13	18.00	22.50	20.10

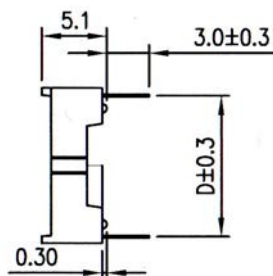
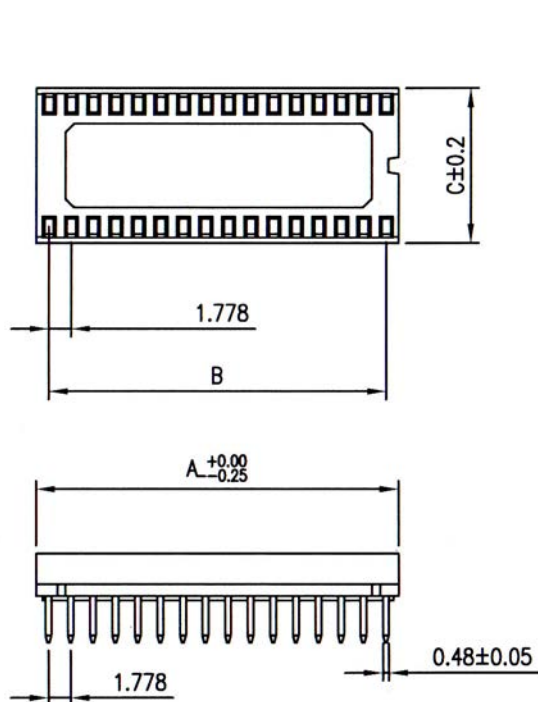
### ORDERING INFORMATION:

P/N 150  $\frac{1}{x}$   $\frac{2}{x}$   $\frac{3}{x}$   $\frac{4}{x}$  V -  $\frac{x}{x}$

1. TERMINAL TYPE:  
"BV" STRAIGHT SMT TYPE  
"BW" RIGHT ANGLE SMT TYPE
2. NO. OF CONTACTS:  
002 ~ 015
3. CONTACT FINISH:  
"T" TIN PLATED  
"G" GOLD PLATED  
"MT" MATTE TIN PLATED
4. PACKAGE TYPE:  
"Q" WITH PAD IN TAPE & REEL (FOR 150BV)  
"R" W/O PAD IN TAPE & REEL (FOR 150BW)  
"T" W/O PAD IN TUBE

NOTE: MATES WITH 150BH HOUSING

## 1.778MM(0.070") IC SOCKET WITH STAMPED CONTACTS



### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Glass, UL94V-0  
 P.B.T  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)				CODE
	A	B	C	D	
16	14.22	12.45	10.16	7.62	CA
20	17.78	16.00	10.16		
22	19.56	17.78	10.16		
24	21.34	19.56	10.16	10.16	CB
24	21.62	19.56	12.65		
28	25.17	23.11	12.65		
30	26.95	24.89	12.65	15.24	CC
32	28.45	26.67	12.65		
40	35.84	33.78	17.73		
42	37.62	35.56	17.73	19.05	CD
48	42.95	40.89	17.73		
52	46.51	44.45	17.73		
54	48.01	46.23	17.73		
56	49.76	48.01	17.73		
64	57.18	55.12	21.54	19.05	CD

### ORDERING INFORMATION:

P/N 1 7 8  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{TB}{3}$   $\frac{B}{4}$

#### 1. DIMENSION B:

"CA" B= 7.62mm(0.300")

"CB" B= 10.16mm(0.400")

"CC" B= 15.24mm(0.600")

"CD" B= 19.05mm(0.800")

#### 2. NO. OF CONTACTS:

016, 020, 022, 024, 028, 030, 032, 040,

042, 048, 052, 054, 056, 064

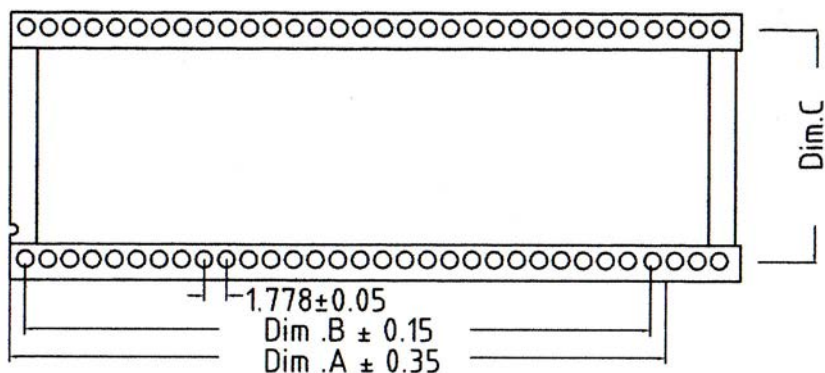
#### 3. CONTACT FINISH:

"T" FULL TIN PLATED

#### 4. INSULATOR COLOR:

"B" BLACK

## 1.778MM(0.070") IC SOCKET WITH SCREW MACHNIED CONTACTS

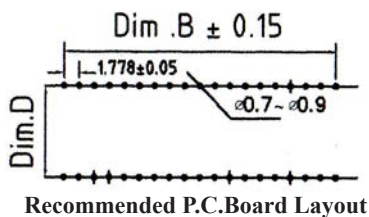
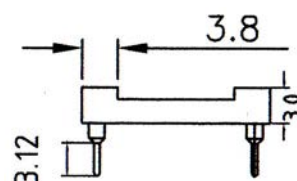
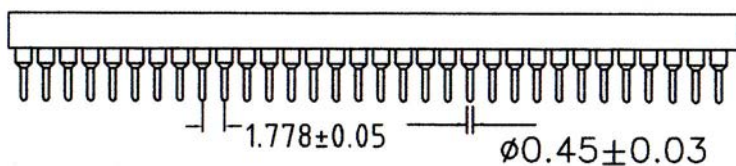


### SPECIFICATIONS

Current Rating: 3.0 Amp  
 Dielectric Withstand: 60V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 4mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 P.B.T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)				
	A	B	C	D	
20	18.280	16.00	12.65	10.16	178MB
24	21.836	19.56	12.65	10.16	
28	25.392	23.11	12.65	10.16	
32	28.948	26.67	12.65	10.16	
42	37.838	35.56	17.73	15.24	178MC
48	43.172	40.89	17.73	15.24	
52	46.728	44.45	17.73	15.24	
56	50.284	48.01	17.73	15.24	
64	57.396	55.12	17.73	15.24	178MD
64	57.396	55.12	21.54	19.05	

### ORDERING INFORMATION:

P/N 178  $\frac{XX}{1} - \frac{XXX}{2} \frac{X}{3} B$

#### 1. SPACING OF ROWS:

"MB" D= 10.16mm (0.400")

"MC" D= 15.24mm (0.600")

"MD" D= 19.05mm (0.800")

#### 2. NO. OF CONTACTS:

FOR 178MB: 020, 024, 028, 032

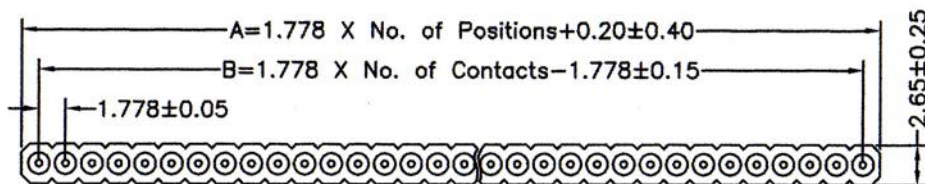
FOR 178MC: 042, 048, 052, 056, 064

FOR 178MD: 064

#### 3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

# 1.778MM(0.070") SIP SOCKET WITH SCREW MACHNIED CONTACTS

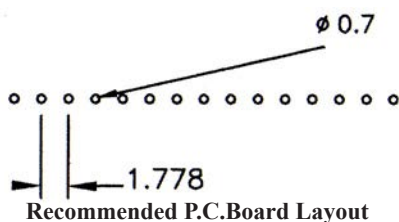
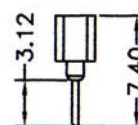
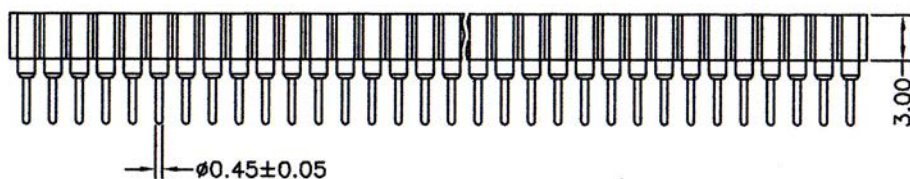


## SPECIFICATIONS

- Current Rating: 3.0 Amp
- Dielectric Withstand: 60V AC
- Insulator Resistance: 1000 MΩ min.
- Contact Resistance: 4mΩ Max.
- Operating Temperature: -40°C to + 105°C

## MATERIALS

- Insulator: Thermoplastic, UL94V-0 P.B.T
- Contacts: Copper Alloy
- All materials must be RoHS compliant.



## ORDERING INFORMATION:

P/N 1 7 8 MS - x x x x B

1
2
3

1. TERMINAL TYPE:  
"MS" SINGLE ROW
2. NO. OF CONTACTS:  
001 ~ 040
3. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED

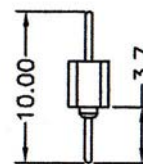
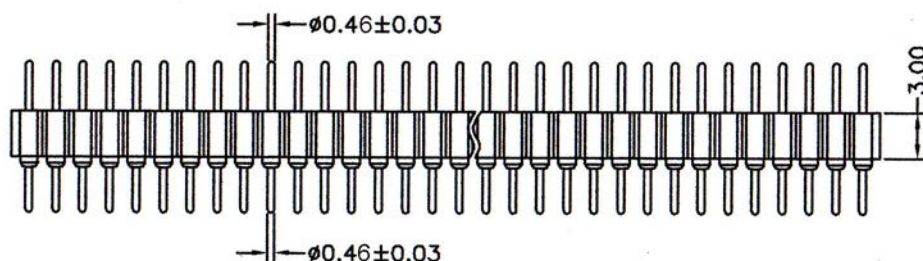
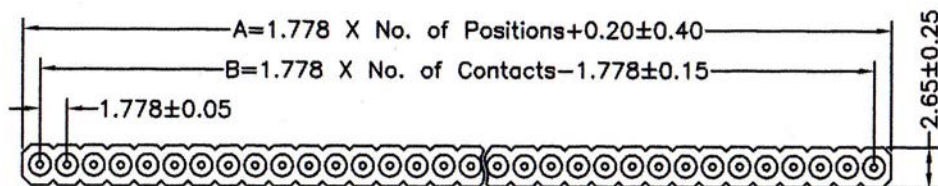
## 1.778MM(0.070") PIN HEADER WITH SCREW MACHNIED CONTACTS

### SPECIFICATIONS

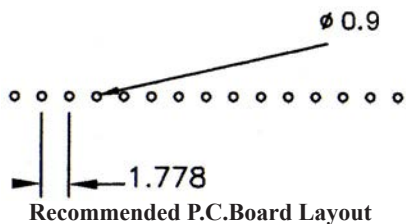
Current Rating: 3.0 Amp  
 Dielectric Withstand: 60V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 4mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 P.B.T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



P/N 178MP-xxxxB



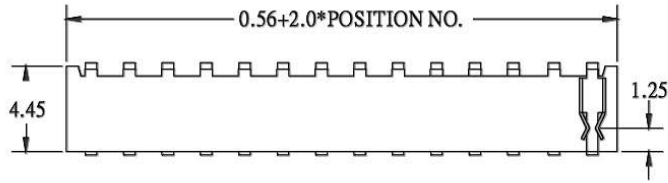
### ORDERING INFORMATION:

P/N 178  $\frac{xx}{1}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B

1. PIN LENGTH:  
 "MP" L=10.00MM  
 "MQ" L=12.20MM
2. NO. OF CONTACTS:  
 001 ~ 040
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "T" FULL TIN PLATED



## 2.00MM(0.079") FEMALE HEADER SINGLE ROW SIDE ENTRY PROFILE=2.00MM

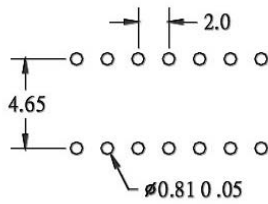
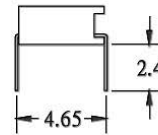
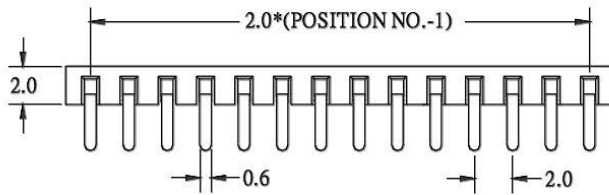


### SPECIFICATIONS

**Current Rating:** 1 Amp  
**Contact Resistance:** 30mΩ Max.  
**Insulator Resistance:** 3000 MΩ Min.  
**Dielectric Withstand:** 500V AC For 1 Min.  
**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** LCP, Glass Reinforced, UL94V-0  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**



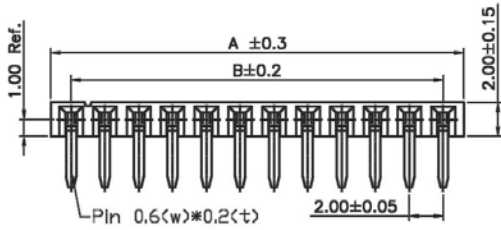
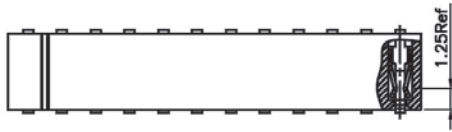
Recommended P.C.Board Layout

### ORDERING INFORMATION:

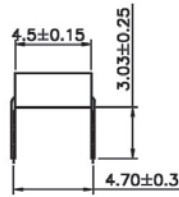
P/N 2 0 H46 - x x x x B  
          1      2      3

1. CONTACT TYPE:  
"H46" SIDE ENTRY TYPE
2. NO. OF CONTACTS:  
002 ~ 034
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

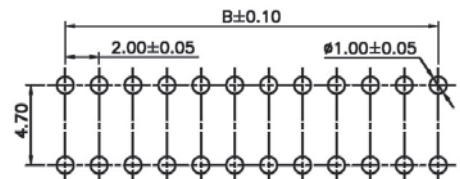
**2.00MM(0.079") FEMALE HEADER SIDE ENTRY DIP TYPE  
PROFILE=2.00MM & 4.00MM**



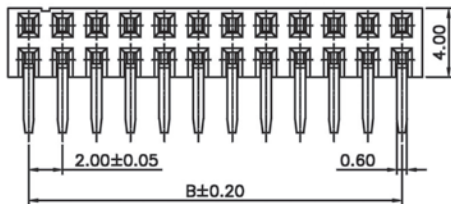
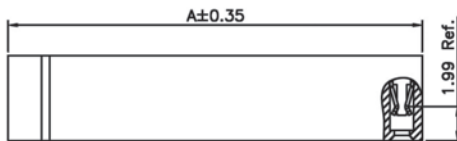
$A = B + 2.40$   
 $B = 2.00 \times (\text{NO. OF CONTACTS} - 1)$



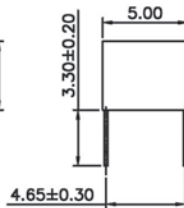
**20H61**



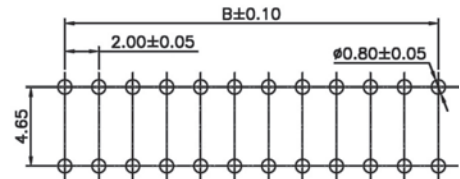
**Recommended P.C.Board Layout**



$A = B + 2.40$   
 $B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$



**20H62**



**Recommended P.C.Board Layout**

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 1000V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

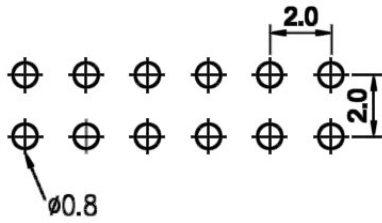
**P/N 20  $\frac{XXX}{1} - \frac{XXX}{2} \frac{X}{3} B - \frac{X}{4}$**

1. CONTACT TYPE:  
 "H61" SINGLE ROW 4.70MM DIP TYPE  
 "H62" DOUBLE ROW 4.65MM DIP TYPE
2. NO. OF CONTACTS:  
 002 ~ 040 FOR SINGLE ROW  
 004 ~ 080 FOR DOUBLE ROW
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:  
 "T" W/O PAD IN TUBE  
 "R" W/O PAD IN TAPE & REEL

NOTE: TIEY NEED NO PAD

**2.00MM (0.079") FEMALE HEADER DOUBLE ROW DIP TYPE  
PROFILE=2.80MM**



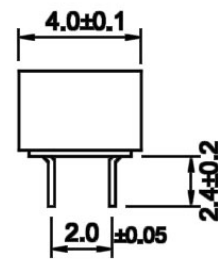
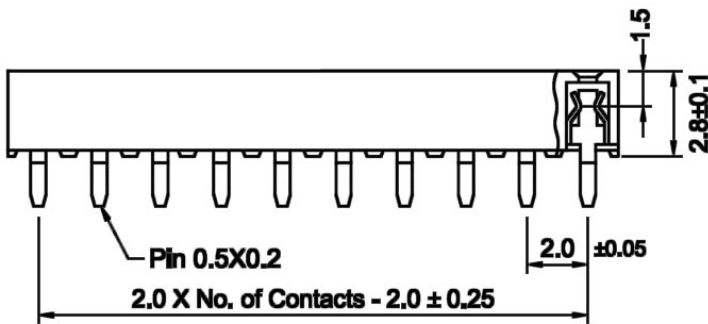
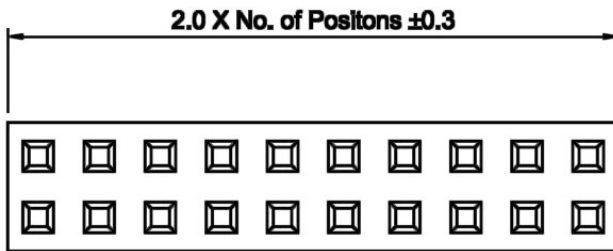
Recommended P.C.Board Layout

**SPECIFICATIONS**

- Current Rating: 2 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Dielectric Withstanding: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

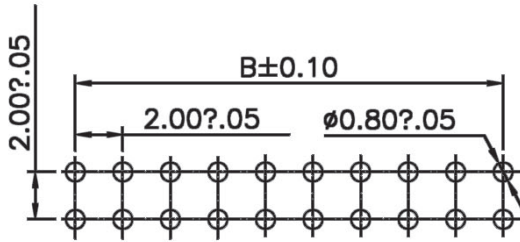


**ORDERING INFORMATION:**

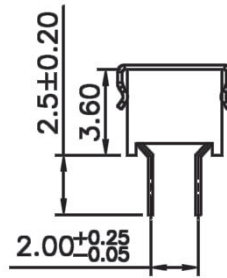
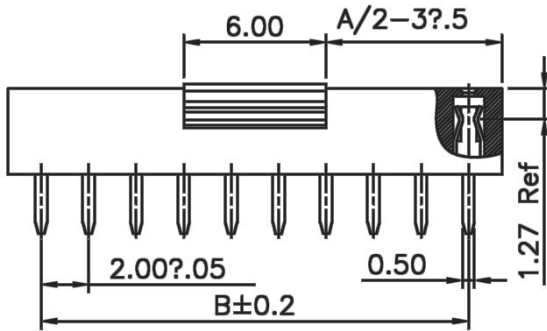
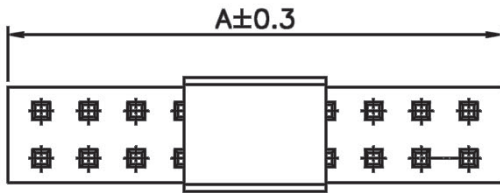
**P/N 2 0 0 L V -  $\frac{X X X X}{1 \quad 2}$  B**

1. NO. OF CONTACTS:  
004 ~ 080
2. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

**2.00MM(0.079") FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE  
PROFILE=3.60MM**



Recommended P.C.Board Layout



$A = B + 4.80$

$B = 2.00 \times (\text{NO. OF CONTACTS / ROW} - 1)$

**SPECIFICATIONS**

- Current Rating: 1.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

**P/N 20  $\frac{H80}{1} - \frac{XXXX}{2} \frac{X}{3} B - \frac{X}{4}$**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. CONTACT TYPE:<br/>"H80" STRAIGHT DIP TYPE</li> <li>2. NO. OF CONTACTS:<br/>004 ~ 080</li> <li>3. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ol> | <ol style="list-style-type: none"> <li>4. PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL<br/>"F" WITH FILM IN TUBE<br/>"G" WITH FILM IN TAPE &amp; REEL</li> </ol> |
|--|--|

## 2.00MM(0.079") FEMALE HEADER SINGLE ROW WITH DUAL BEAM FOLDED CONTACTS STRAIGHT DIP TYPE PROFILE=4.00MM

### SPECIFICATIONS

Rating Current: 2 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

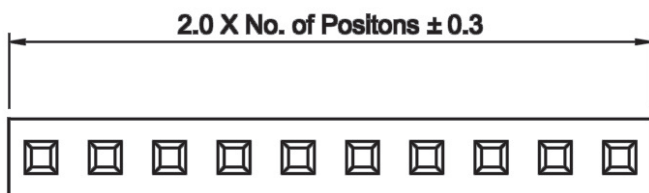
### MATERIALS

Contact Material: Phosphor Bronze

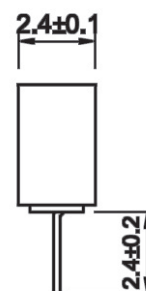
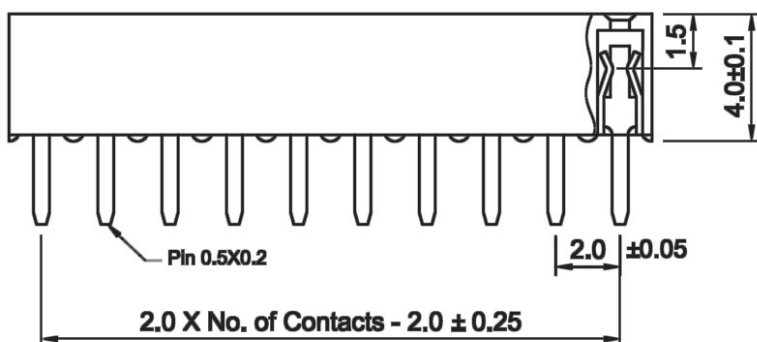
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

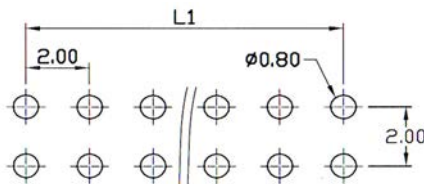
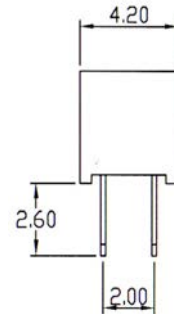
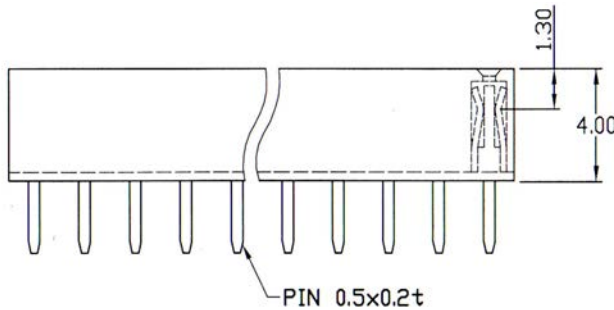
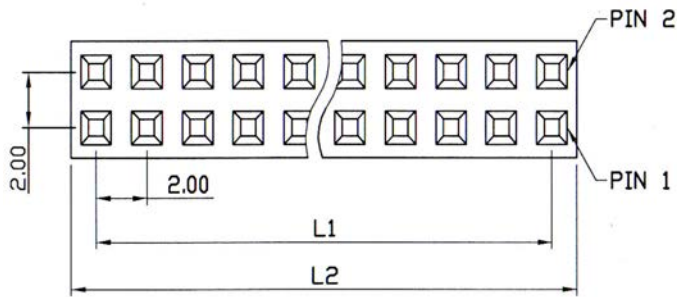


### ORDERING INFORMATION:

P/N 2 0 0  $\frac{AU}{1}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B -  $\frac{x}{4}$

1. CONTACT TYPE:  
"AU" DUAL BEAM FOLDED CONTACT TYPE
2. NO. OF CONTACTS:  
002~040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE

## 2.00MM(0.079") FEMALE HEADER WITH DUAL BEAM FOLDED CONTACTS PROFILE=4.00MM



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 25mΩ Max.

**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0

Nylon-6T

**Contacts:** Phosphor Bronze

All materials must be RoHS compliant.

### DIMENSIONS:

L1 = 2.0 x (No. of Contacts/Row - 1)

L2 = 2.0 x No. of Contacts/Row

### ORDERING INFORMATION:

P/N 200  $\frac{AZ}{1} - \frac{XXXX}{23} B - \frac{X}{4}$

1. NO. OF ROWS:

"AZ" DOUBLE ROW

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE OPTION:

"0" BULK PACKAGE

"T" W/O PAD IN TUBE

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW WITH DUAL BEAM FOLDED CONTACTS STRAIGHT DIP TYPE PROFILE=4.00MM

### SPECIFICATIONS

Rating Current: 2 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

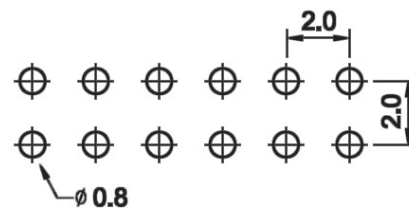
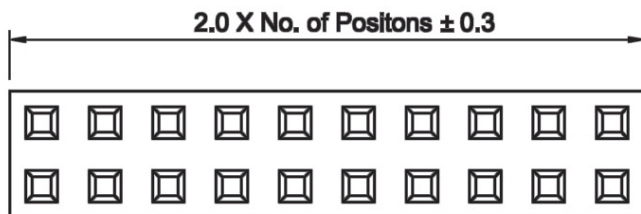
### MATERIALS

Contact Material: Phosphor Bronze

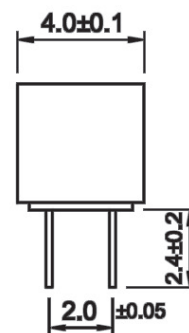
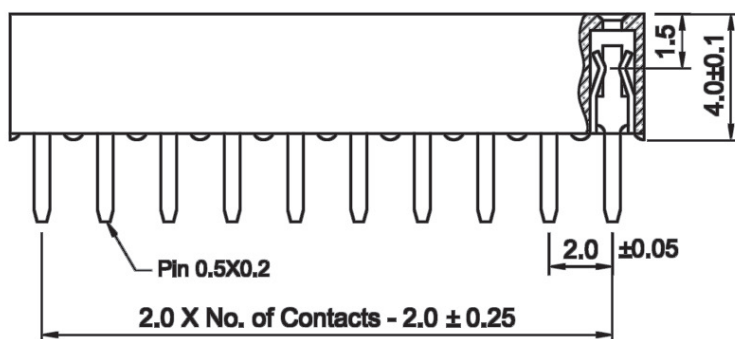
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

P/N 2 0 0  $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4}$  B -  $\frac{x}{4}$

#### 1. DIP LENGTH OPTION:

"GC" DIP= 2.4MM (STANDARD)

"GA" DIP= 2.6MM

"GB" DIP= 3.0MM

#### 2. NO. OF CONTACTS:

004~080

#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

#### 4. PACKAGE OPTION:

"0" BULK PACKAGE

"T" W/O PAD IN TUBE

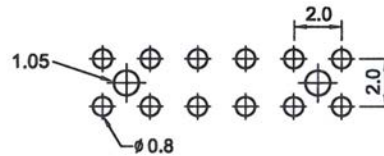
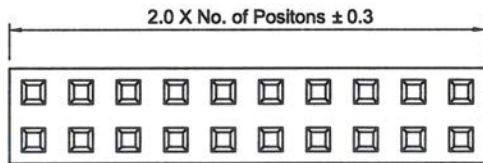
**2.00MM(0.079") FEMALE HEADER DOUBLE ROW WITH DUAL FOLDED CONTACTS & LOCATING PEGS PROFILE=4.00MM**

**SPECIFICATIONS**

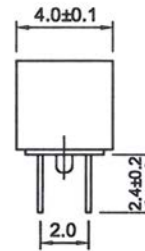
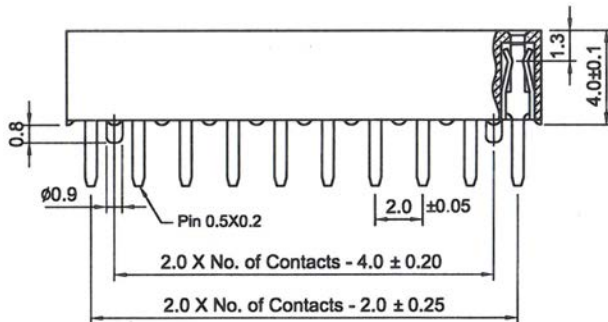
- Current Rating: 2.0 A
- Dielectric Withstand: AC 500V
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.



Recommended P.C.Board Layout



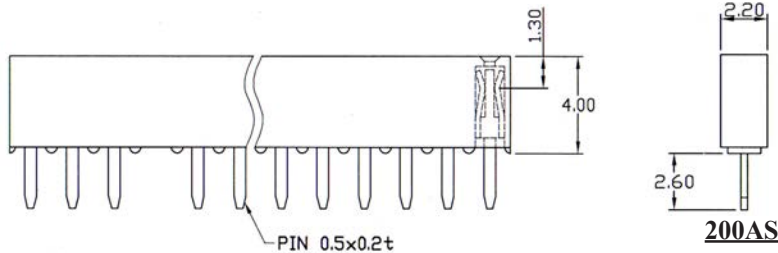
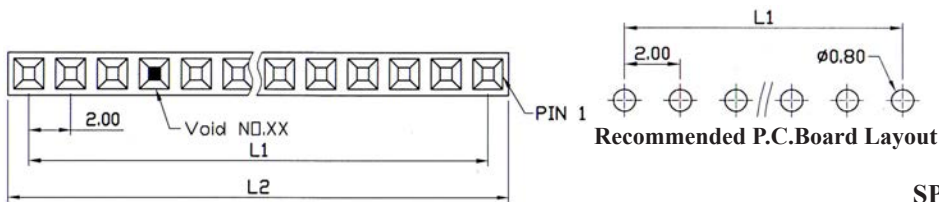
**ORDERING INFORMATION:**

**P/N 2 0 0 E R - x x x x B - x**  
 1 2 3 4

1. CONTACT TYPE:  
"ER" STRAIGHT TYPE WITH LOCATING PEGS
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE TYPE:  
"T" W/O PAD IN TUBE



## 2.00MM(0.079") FEMALE HEADER WITH VOID PIN POSITION PROFILE=4.00MM

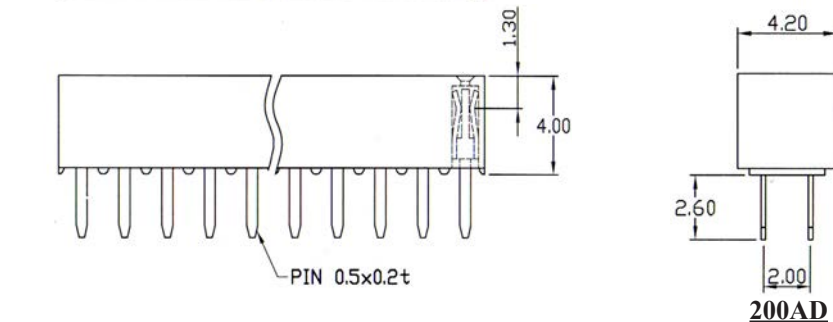
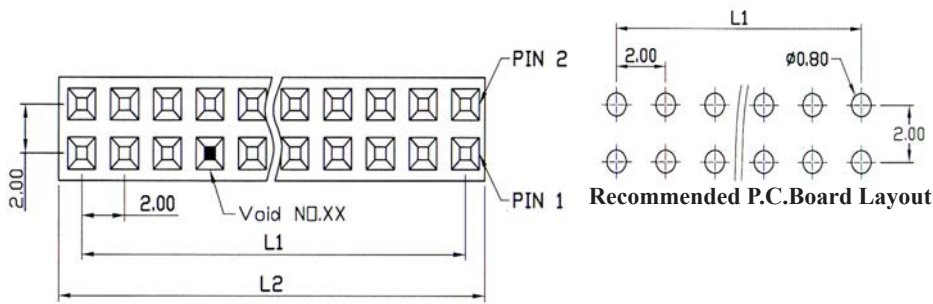


### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 25mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 Nylon-6T  
 Contacts: Phosphor Bronze  
 All materials must be RoHS compliant.



### DIMENSIONS: **200AS**

L1 = 2.0 x (No. of Contacts/Row - 1)  
 L2 = 2.0 x No. of Contacts/Row + 0.5

### DIMENSIONS: **200AD**

L1 = 2.0 x No. of Contacts/Row - 2.0  
 L2 = 2.0 x No. of Contacts/Row

## ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{XX}{4}$

### 1. NO. OF ROWS:

"AS" SINGLE ROW  
 "AD" DOUBLE ROW

### 2. NO. OF CONTACTS:

003 ~ 040 FOR SINGLE ROW  
 004 ~ 080 FOR DOUBLE ROW

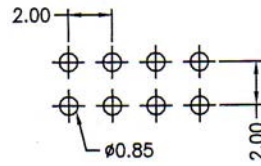
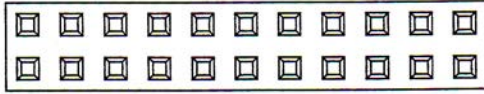
### 3. CONTACT FINISH:

"G" FULL GOLD PLATED  
 "T" FULL TIN PLATED

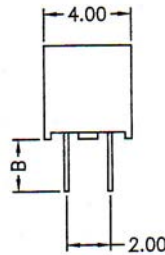
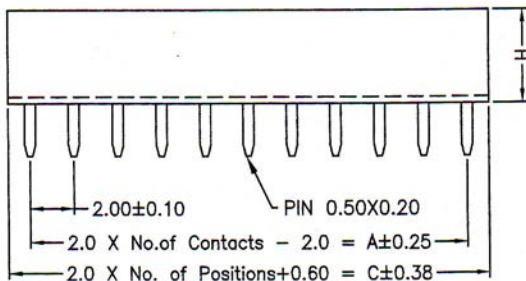
### 4. VOID PIN POSITION NO.:

01 ~ 40 FOR SINGLE ROW  
 01 ~ 80 FOR DOUBLE ROW

## 2.00MM(0.079") FEMALE HEADER WITH DUAL BEAM FOLDED CONTACTS PROFILE=4.30MM



Recommended P.C.Board Layout



### SPECIFICATIONS

**Current Rating:** 2.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 M $\Omega$  min.

**Contact Resistance:** 20m $\Omega$  Max.

**Operating Temperature:** -40 $^{\circ}$ c to + 105 $^{\circ}$ c

### MATERIALS

**Insulator:** Polyester, UL94V-0

Nylon-6T

**Contacts:** Copper Alloy

All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 2 0 0  $\frac{x x}{1} - \frac{x x x x}{2 3} B - \frac{x}{4}$

1. PROFILE(H) & PIN LENGTH(B):

"GD" H/B= 4.30/2.6mm

"GG" H/B= 4.30/2.4mm

"GM" H/B= 4.30/2.8mm

"GN" H/B= 4.30/1.6mm

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

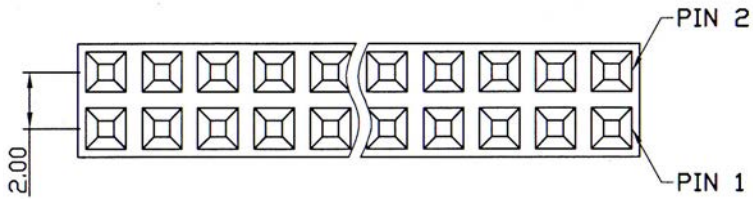
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL]

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER STRADDLE TYPE PROFILE=4.00MM

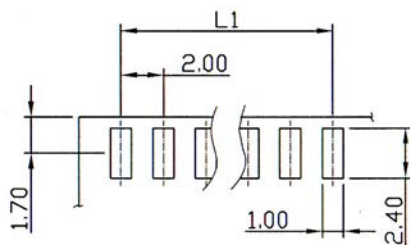
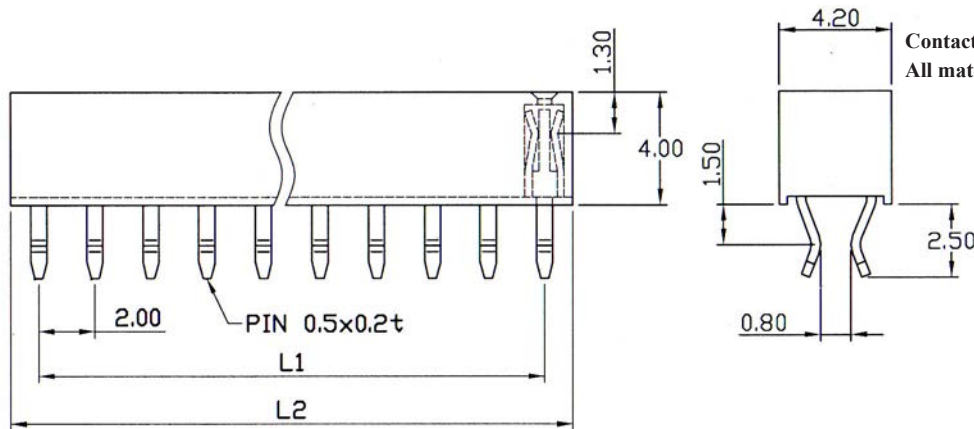


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

### DIMENSIONS:

$L1 = 2.0 \times (\text{No. of Contacts/Row} - 1)$   
 $L2 = 2.0 \times \text{No. of Contacts/Row} + 0.3$

### ORDERING INFORMATION:

P/N **200SE** -  $\frac{\text{xxx}}{1}$   $\frac{\text{xxx}}{2}$   $\frac{\text{xxx}}{3}$  B

1. CONNECTOR TYPE:  
"SE" FOR 1.20MM PCB
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

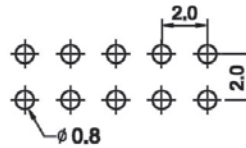
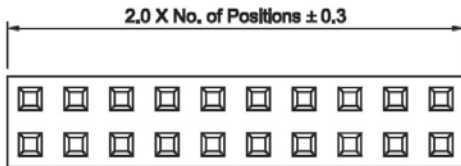
**2.00MM (0.079") FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE  
PROFILE=4.30MM**

**SPECIFICATIONS**

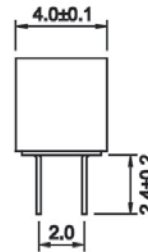
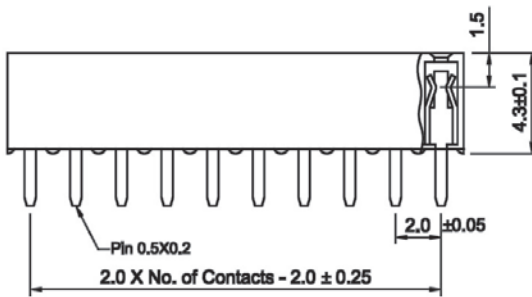
Current Rating: 2 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 1000MΩ Min.  
 Dielectric Withstanding: 500V AC/Min.  
 Operating Temperature: -40°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0  
 Contact: Phosphor Bronze  
 All materials must be RoHS compliant.



Recommended P.C.Board Layout

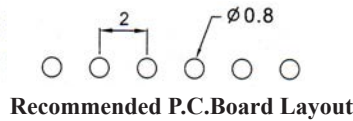
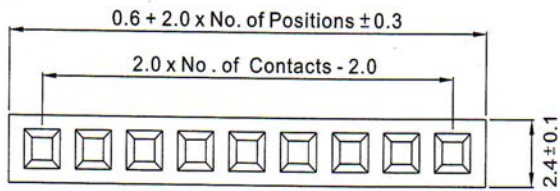


**ORDERING INFORMATION:**

**P/N 2 0 0 D G - x x x x B**  
 1 2 3

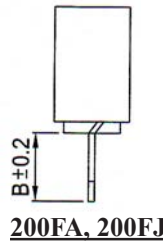
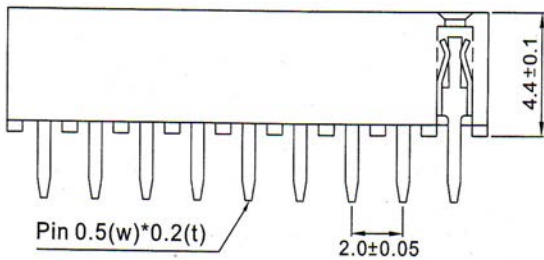
1. CONNECTOR TYPE:  
"DG" HOUSING WIDTH=4.00MM
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") FEMALE HEADER SINGLE ROW DIP TYPE PROFILE=4.30MM



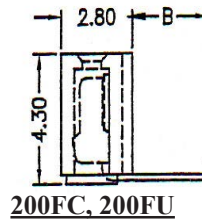
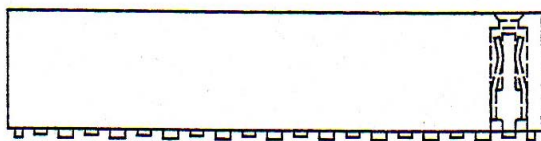
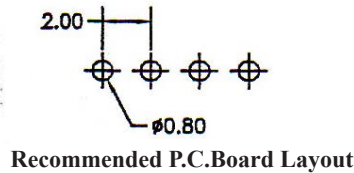
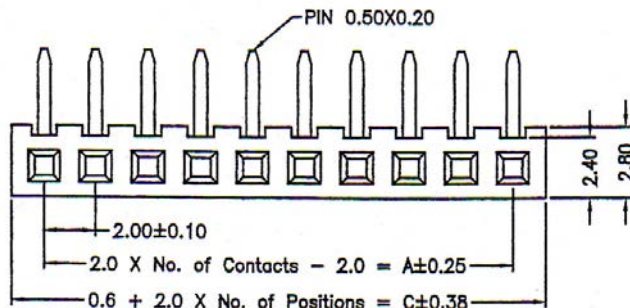
### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C  
**Max Process Temp:** 230°C for 30-60 Sec.  
 (260°C for 10 Seconds)



### MATERIALS

**Insulator:** Polyester, UL94V-0  
 Nylon-6T  
**Contacts:** Phosphor Bronze  
 All materials must be RoHS compliant.

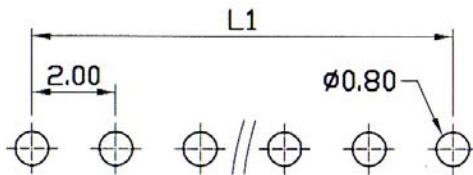
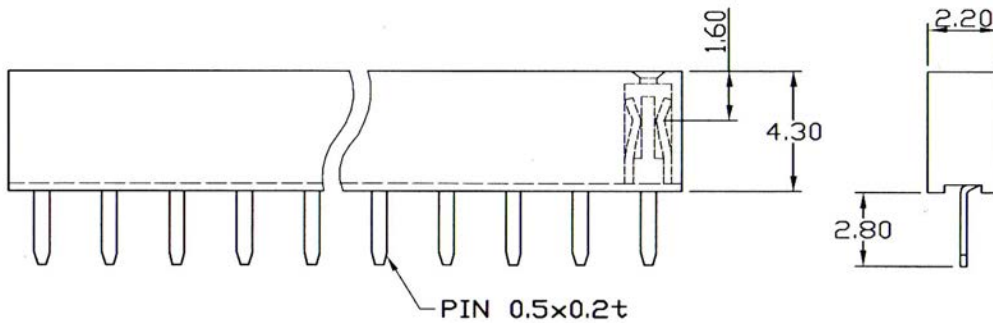
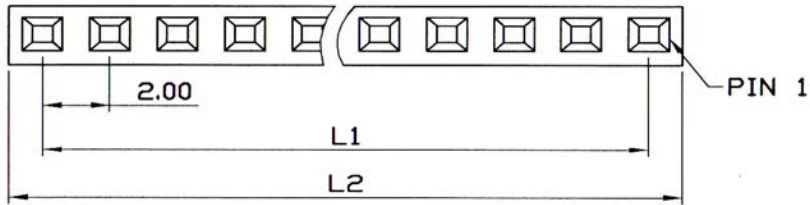


### ORDERING INFORMATION:

P/N 200  $\frac{1}{1}$   $\frac{2}{2}$   $\frac{3}{3}$  B

- PIN LENGTH & TERMINAL TYPE:  
 "FA" B=2.4mm STRAIGHT TYPE  
 "FJ" B=2.8mm STRAIGHT TYPE  
 "FC" B=3.0mm RIGHT ANGLE TYPE
- NO. OF CONTACTS:  
 002 ~ 040
- CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

## 2.00MM(0.079") FEMALE HEADER WITH DUAL BEAM FOLDED CONTACTS PROFILE=4.30MM



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 25mΩ Max.

**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
Nylon-6T

**Contacts:** Phosphor Bronze

**All materials must be RoHS compliant.**

### DIMENSIONS:

L1 = 2.0 x (No. of Contacts/Row - 1)

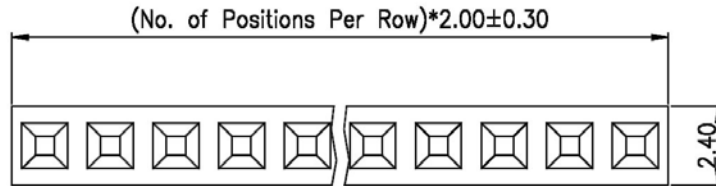
L2 = 2.0 x No. of Contacts/Row + 0.5

### ORDERING INFORMATION:

P/N 2 0 0  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

1. TERMINAL TYPE:  
"AX" STRAIGHT TYPE
2. NO. OF CONTACTS:  
002 ~ 040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE

**2.00MM(0.079") FEMALE HEADER  
SINGLE ROW STRAIGHT DIP TYPE PROFILE=4.30MM**



**SPECIFICATIONS**

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

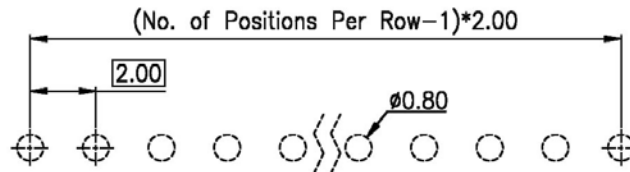
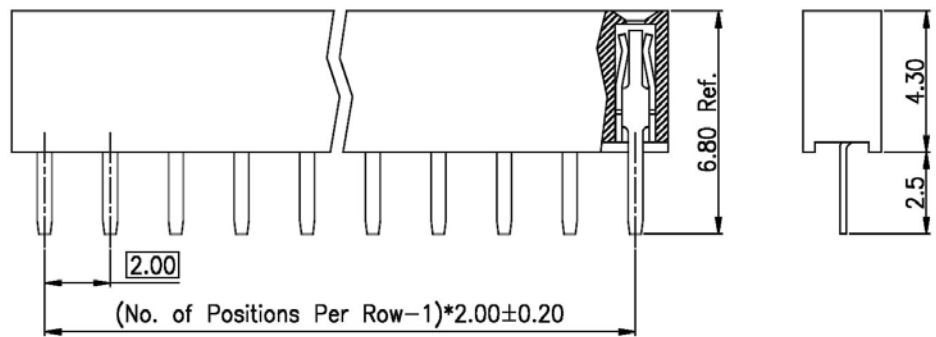
**Operating Temperature:** -55°C to +105°C

**MATERIALS**

**Housing:** Nylon-6T (UL 94V-0), Black

**Terminal:** Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

**ORDERING INFORMATION:**

**P/N 2 0 0 K N -  $\frac{x x x}{1} \frac{G}{2} B$**

1. NO. OF CONTACTS:

002~040

2. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM(0.079") FEMALE HEADER SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=4.30MM

### SPECIFICATIONS

**Rating Current:** 2 Amperes

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 500V AC

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to +105°C

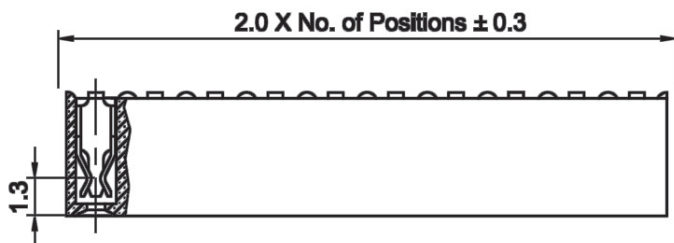
### MATERIALS

**Contact Material:** Phosphor Bronze

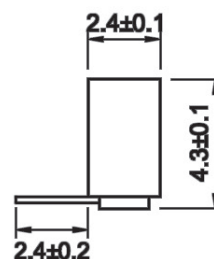
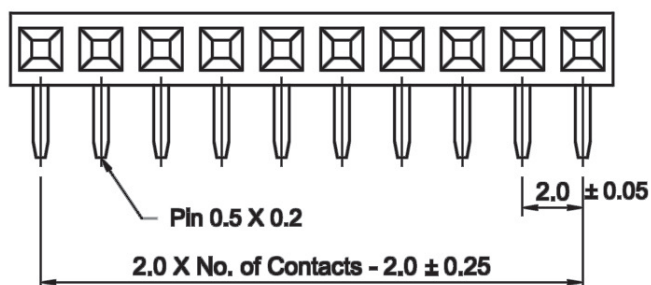
**Contact Plating:** Gold / Tin over Nickel

**Insulator:** Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

P/N 2 0 0  $\frac{A}{1} Y - \frac{x}{2} \frac{x}{3} \frac{x}{4} B - \frac{x}{4}$

1. CONTACT TYPE:  
"AY" SINGLE ROW R/A TYPE
2. NO. OF CONTACTS:  
002~040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE TYPE:  
"0" IN TRAY  
"T" IN TUBE



## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=4.30MM

### SPECIFICATIONS

Rating Current: 2 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

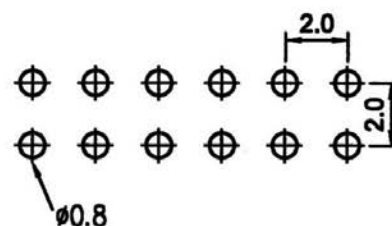
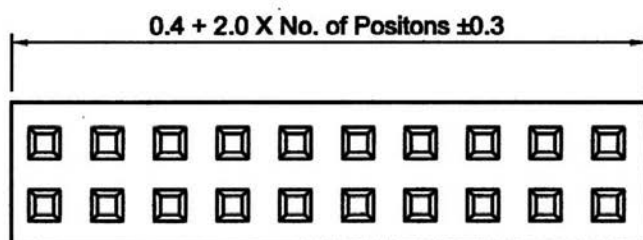
### MATERIALS

Contact Material: Phosphor Bronze

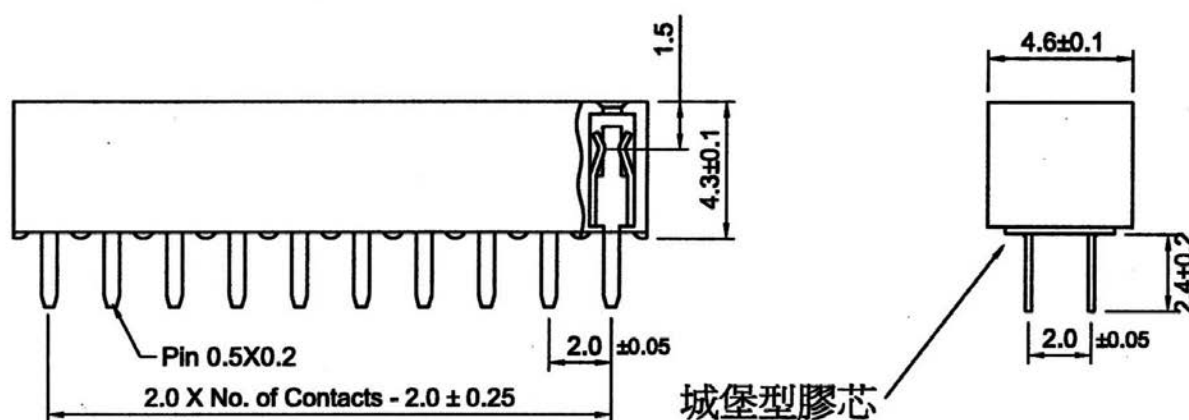
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

P/N 2 0 0  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B

#### 1. DIP LENGTH OPTION:

"FB" DIP= 2.4MM (STANDARD)

"FP" DIP= 2.8MM

#### 2. NO. OF CONTACTS:

004~080

#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") FEMALE HEADER SINGLE ROW DUAL ENTRY TYPE PROFILE=4.30MM

### SPECIFICATIONS

Rating Current: 2 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

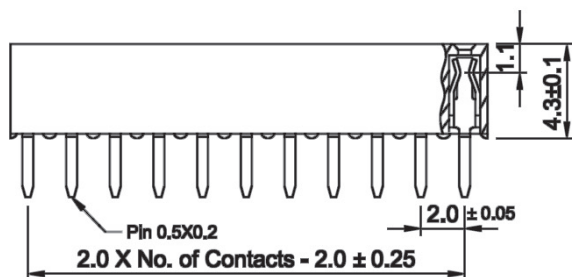
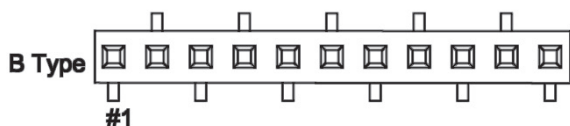
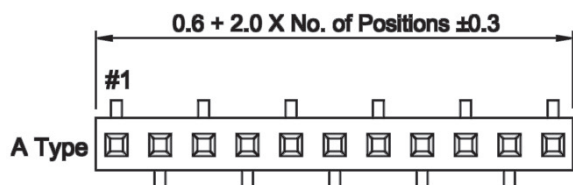
### MATERIALS

Contact Material: Phosphor Bronze

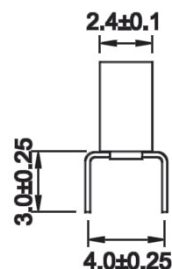
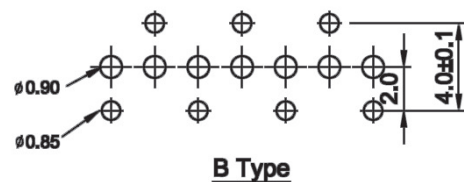
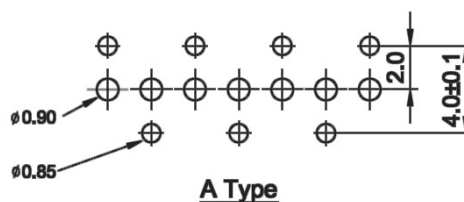
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



### Recommended P.C.Board Layout



### ORDERING INFORMATION:

P/N 2 0 0  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

#### 1. CONTACT TYPE:

"CK" A TYPE

"CL" B TYPE

#### 2. NO. OF CONTACTS:

004~040

#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW DUAL ENTRY TYPE PROFILE=4.30MM

### SPECIFICATIONS

Rating Current: 2 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

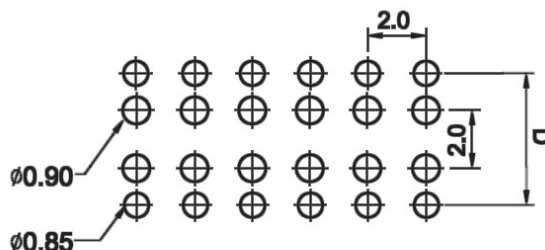
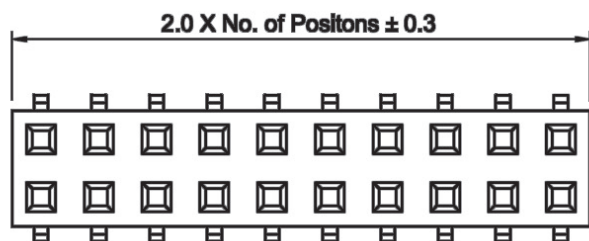
### MATERIALS

Contact Material: Phosphor Bronze

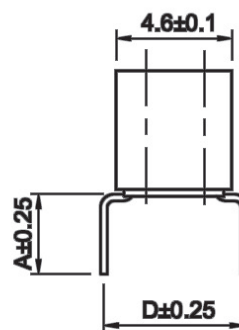
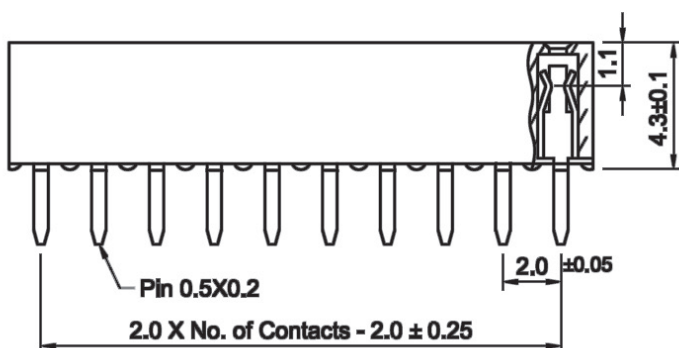
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

P/N 2 0 0  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B

#### 1. CONTACT TYPE:

"FF" A/D = 3.4/5.0MM

"FG" A/D = 3.0/6.0MM

#### 2. NO. OF CONTACTS:

004~080

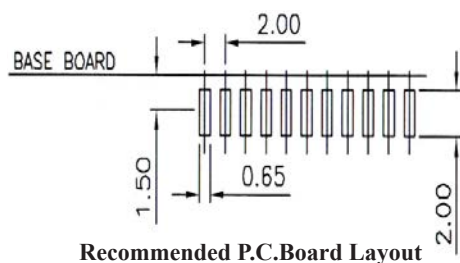
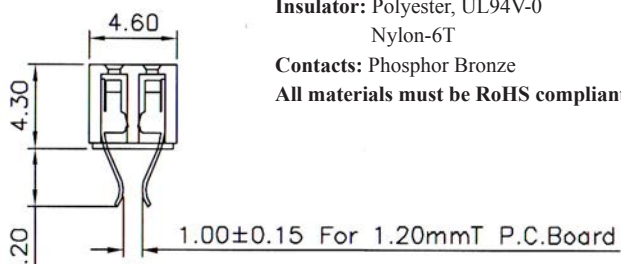
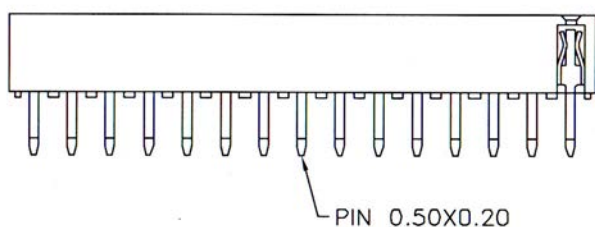
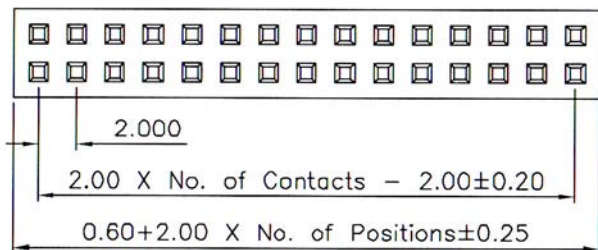
#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") FEMALE HEADER STRADDLE TYPE PROFILE=4.30MM



### SPECIFICATIONS

**Current Rating:** 2.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** Polyester, UL94V-0

Nylon-6T

**Contacts:** Phosphor Bronze

**All materials must be RoHS compliant.**

### ORDERING INFORMATION:

P/N 20N60 -  $\frac{x}{1} \frac{x}{2} \frac{x}{3} B - \frac{x}{3}$

1. NO. OF CONTACTS:

006 ~ 080

2. CONTACT FINISH:

"G" FULL GOLD PLATED

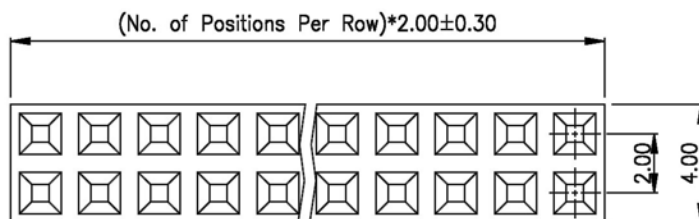
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

3. PACKAGE OPTION:

"T" W/O PAD IN TUBE

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW STRADDLE MOUNT TYPE PROFILE=4.30MM



### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

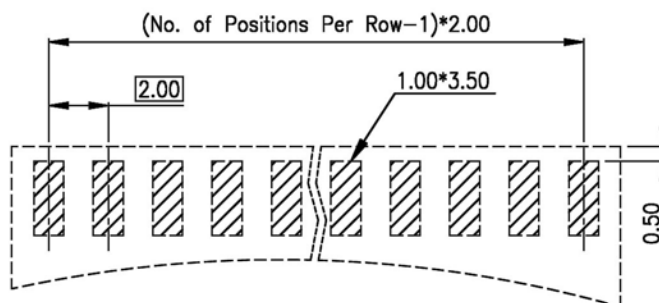
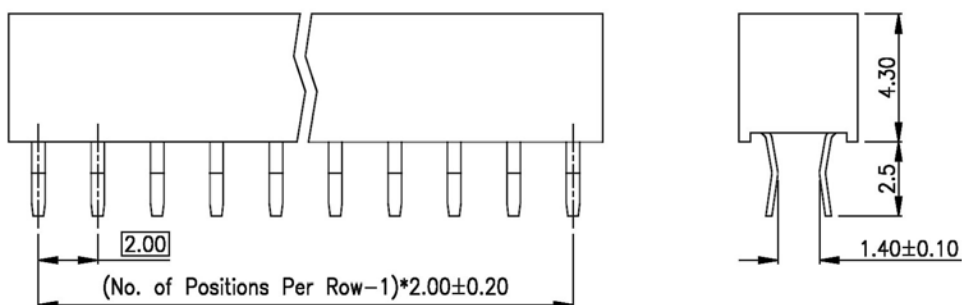
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Nylon 6T (UL 94V-0), Black

**Terminal:** Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20N74 -  $\frac{XXX}{1} \frac{GB}{2}$

1. NO. OF CONTACTS:

004~080

2. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW STRADDLE TYPE PROFILE=4.30MM

### SPECIFICATIONS

**Rating Current:** 2 Amperes

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 500V AC

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to +105°C

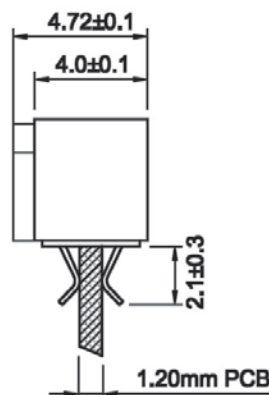
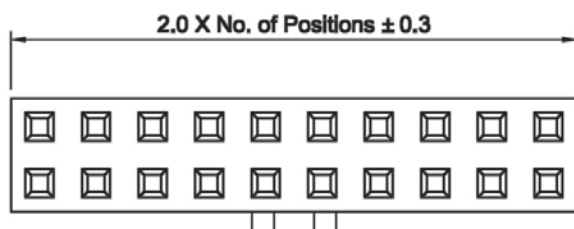
### MATERIALS

**Contact Material:** Phosphor Bronze

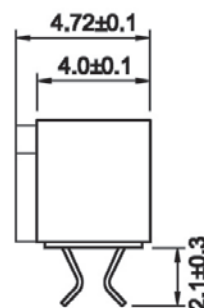
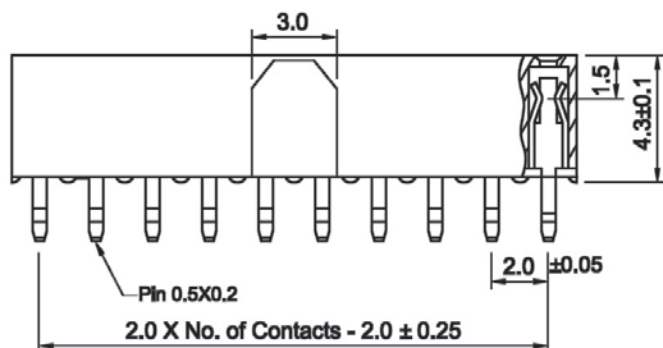
**Contact Plating:** Gold / Tin over Nickel

**Insulator:** Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Thickness



### ORDERING INFORMATION:

P/N 2 0 0  $\frac{GY}{1}$  -  $\frac{XXXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

1. CONTACT TYPE:  
"GY" WITH POLARIZATION BUMP
2. NO. OF CONTACTS:  
006~080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE

## 2.00MM(0.079") FEMALE HEADER STRADDLE MOUNT TYPE WITH BLOCKED PIN #20 PROFILE=4.30MM

### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

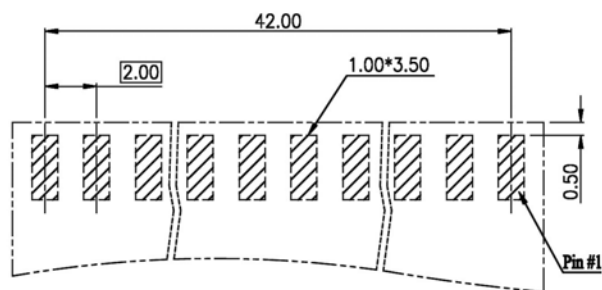
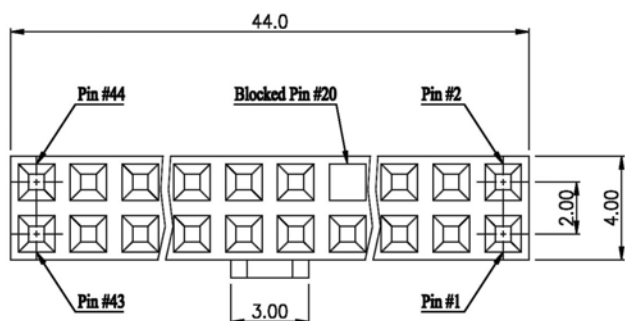
**Operating Temperature:** -55°C to +105°C

### MATERIALS

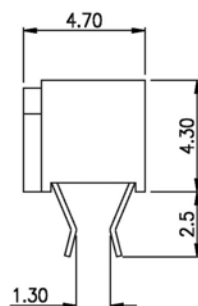
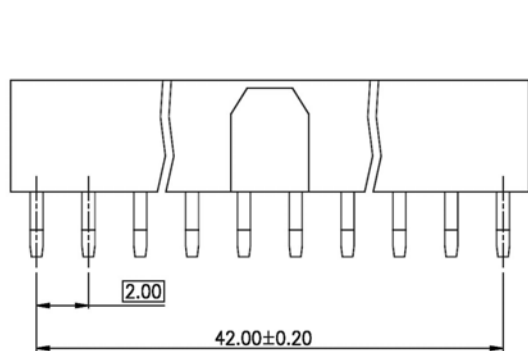
**Housing:** Nylon-6T (UL 94V-0), Black

**Terminal:** Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C. Board Layout

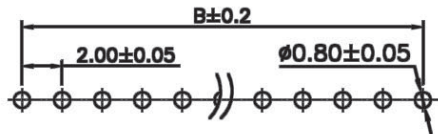


### ORDERING INFORMATION:

P/N 20N88- $\frac{0}{1}$  $\frac{4}{2}$  $\frac{4}{3}$ GB/V20

1. NO. OF CONTACTS:  
044
2. CONTACT FINISH:  
"G" FULL GOLD PLATED
3. BLOCKED & MISSING PIN:  
"V20" PIN #20 BLOCKED

**2.00MM(0.079") FEMALE HEADER SINGLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=4.40MM**



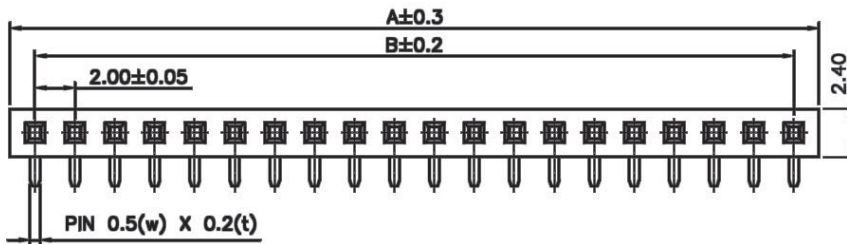
Recommended P.C.Board Layout

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +125°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.



$A = B + 2.50$

$B = 2.00 \times (\text{NO. OF CONTACTS} - 1)$

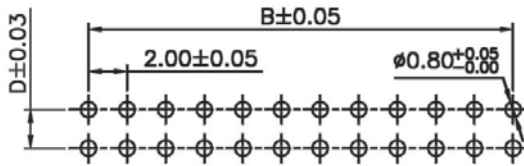
**ORDERING INFORMATION:**

**P/N 2 0 0  $\frac{X X}{1} - \frac{X X X X}{2 3} B - \frac{X}{4}$**

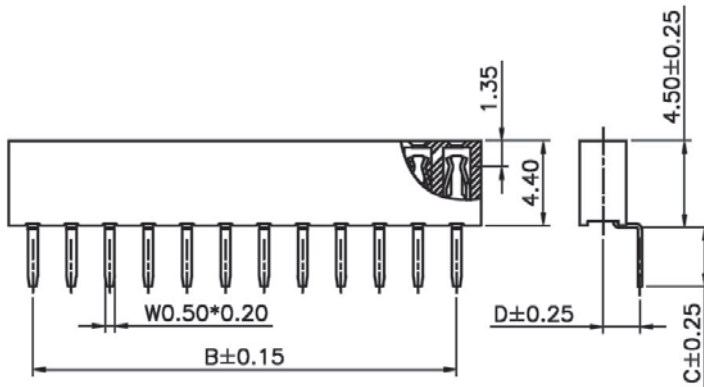
- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. DIP LENGTH:<br/>"HC" D=1.45MM<br/>"FU" D=2.40MM</li> <li>2. NO. OF CONTACTS:<br/>002 ~ 040</li> <li>3. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ol> | <ol style="list-style-type: none"> <li>4. PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL<br/>"0" IN TRAY</li> </ol> <p>NOTE: PAD = PICK &amp; PLACE PAD</p> |
|--|---|



**2.00MM(0.079") FEMALE HEADER SINGLE ROW  
ONE SIDE BOTTOM ENTRY TYPE PROFILE=4.40MM**



Recommended P.C.Board Layout



$A = B + 2.50$

$B = 2.00 \times (\text{NO. OF CONTACTS} - 1)$

**SPECIFICATIONS**

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -25°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0, Black

Contact: Phosphor Bronze

All materials must be RoHS compliant.

**ORDERING INFORMATION:**

P/N 20  $\frac{1}{\text{X X X}}$  -  $\frac{2}{\text{X X X}}$   $\frac{3}{\text{X}}$  B -  $\frac{4}{\text{X}}$

1. CONTACT TYPE:

"H63" D/C=1.90/3.06MM

"H64" D/C=1.52/3.55MM

"H65" D/C=2.02/3.06MM

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

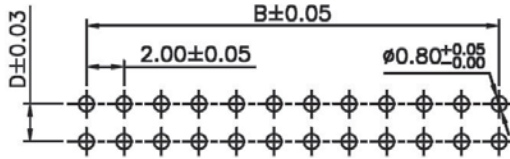
"T" FULL TIN PLATED

4. PACKAGE OPTION:

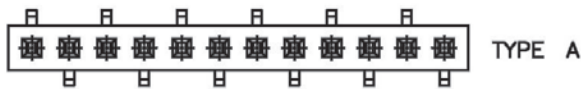
"T" W/O PAD IN TUBE

"O" IN TRAY

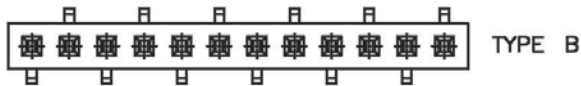
**2.00MM(0.079") FEMALE HEADER SINGLE ROW  
DOUBLE SIDE BOTTOM ENTRY TYPE PROFILE=4.40MM**



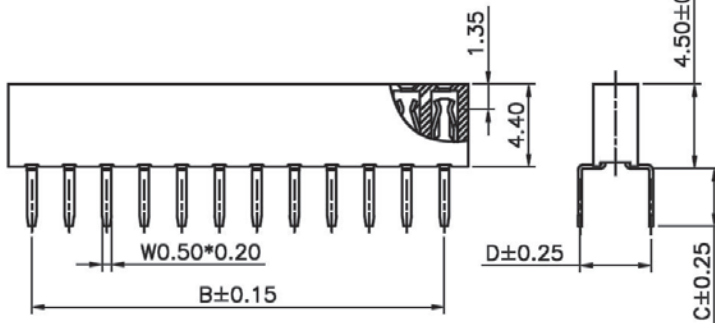
Recommended P.C.Board Layout



TYPE A



TYPE B



$A = B + 2.40$

$B = 2.00 \times (\text{NO. OF CONTACTS} - 1)$

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -25°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

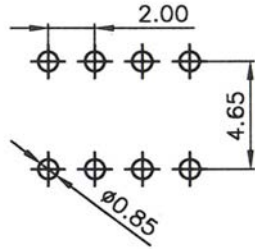
**ORDERING INFORMATION:**

**P/N 2 0  $\frac{1}{\text{X X X}}$  -  $\frac{2}{\text{X X X}}$   $\frac{3}{\text{X}}$  B -  $\frac{4}{\text{X}}$**

1. CONTACT TYPE:  
H66, H67, H68, H69, H70, H71
2. NO. OF CONTACTS:  
002 ~ 040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"0" IN TRAY

DIM. D	3.80MM	3.04MM	4.04MM
DIM. C	3.06MM	3.55MM	3.06MM
TYPE A	H66	H68	H70
TYPE B	H67	H69	H71

**2.00MM(0.079") FEMALE HEADER DOUBLE ROW  
SIDE ENTRY DIP TYPE PROFILE=4.40MM**



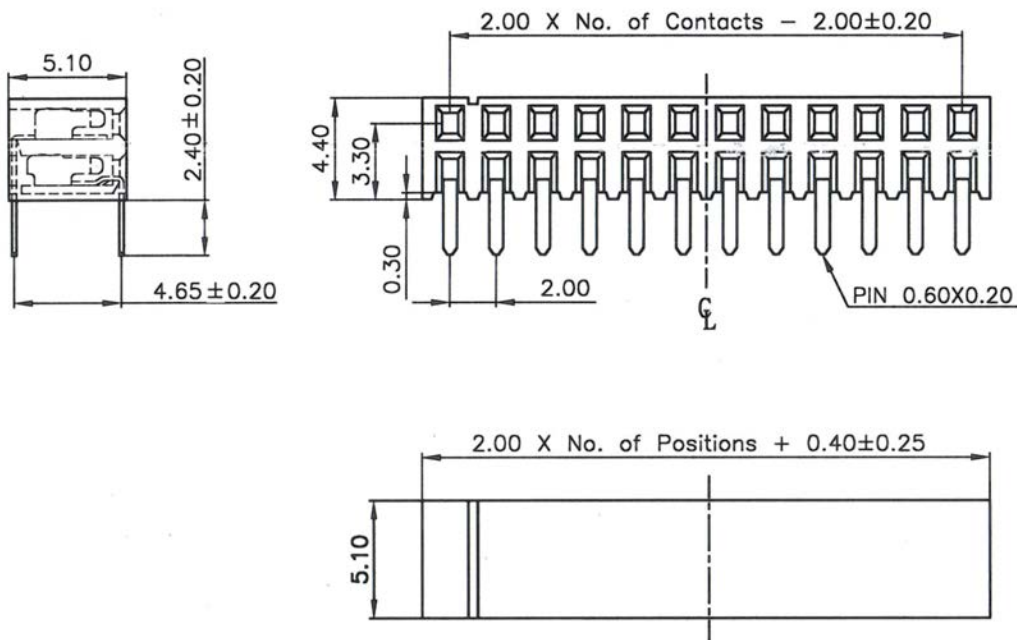
Recommended P.C.Board Layout

**SPECIFICATIONS**

Current Rating: 1.0 A  
 Dielectric Withstand: 500V AC/DC  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 1000MΩ Min.  
 Operating Temperature: -40°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0  
 Contact: Phosphor Bronze  
 All materials must be RoHS compliant.

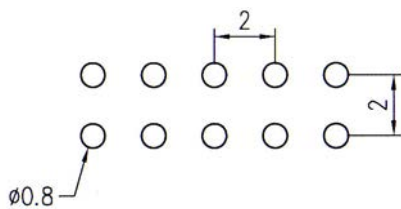
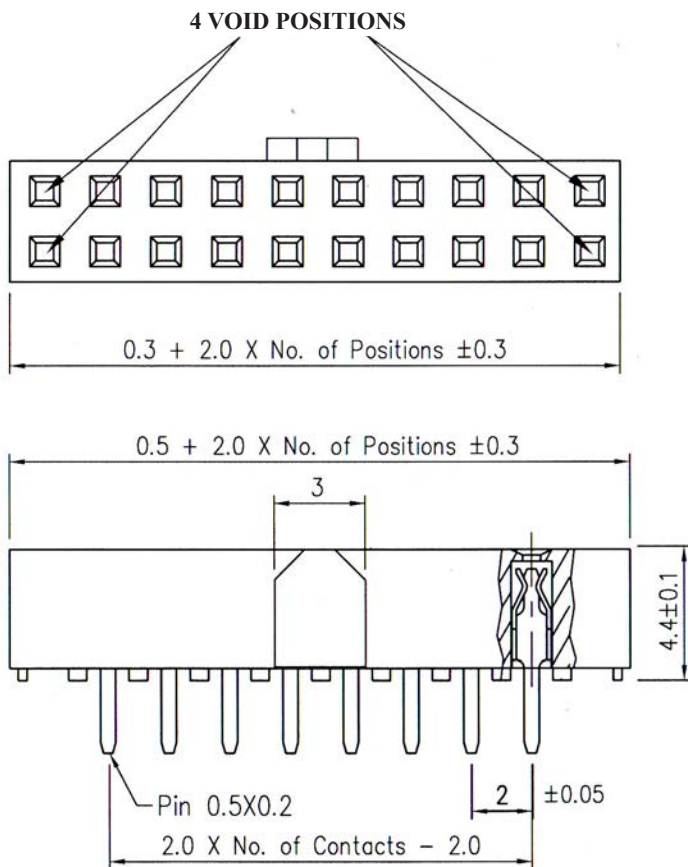


**ORDERING INFORMATION:**

**P/N 2 0 0  $\frac{LS}{1}$  -  $\frac{x}{2}$   $\frac{x}{3}$   $\frac{x}{4}$  B -  $\frac{x}{4}$**

1. CONTACT TYPE:  
"LS" DIP TYPE BASE=4.40MM
2. NO. OF CONTACTS:  
004 ~ 050
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"R" W/O PAD IN TAPE & REEL

## 2.00MM(0.079") FEMALE HEADER WITH POLARIZATION NOTCH PROFILE=4.40MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 M $\Omega$  min.

Contact Resistance: 20m $\Omega$  Max.

Operating Temperature: -40 $^{\circ}$ c to + 105 $^{\circ}$ c

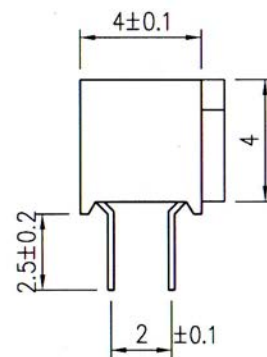
### MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



### ORDERING INFORMATION:

P/N 200  $\frac{C}{1} \frac{J}{2} - \frac{xxx}{3} \frac{B}{3}$

1. CONNECTOR TYPE:  
"CJ" WITH 4 VOID POSITIONS
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

NOTE: NO. OF CONTACTS INCLUDING 4 VOID POSITIONS

## 2.00MM(0.079") FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=4.50MM

### SPECIFICATIONS

Rating Current: 2 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

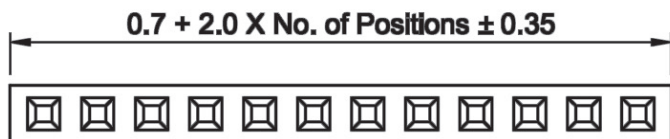
### MATERIALS

Contact Material: Phosphor Bronze

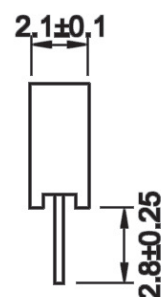
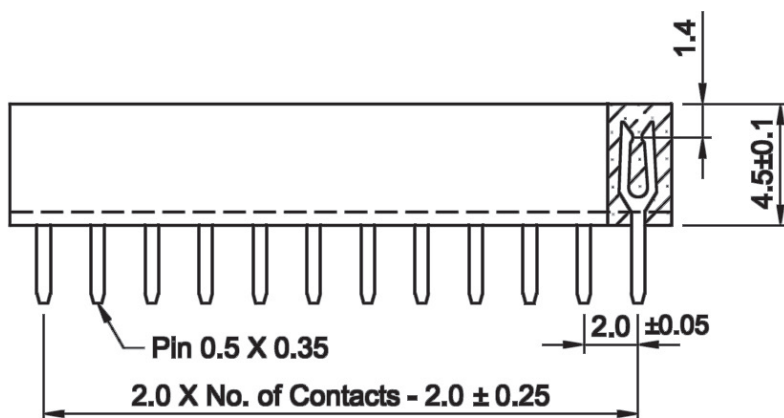
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

P/N 2 0 N67 - xxx x B  
1 2 3

1. CONTACT TYPE:  
"N67" SINGLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:  
002~040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=4.50MM

### SPECIFICATIONS

Rating Current: 2 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

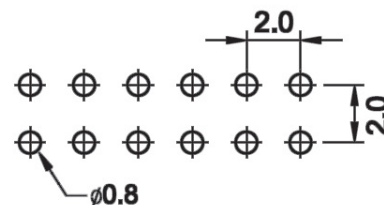
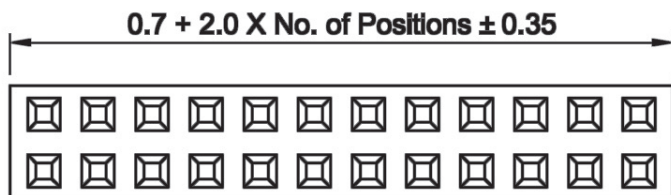
### MATERIALS

Contact Material: Phosphor Bronze

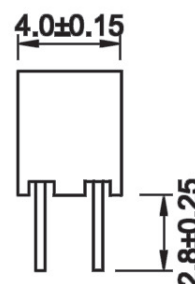
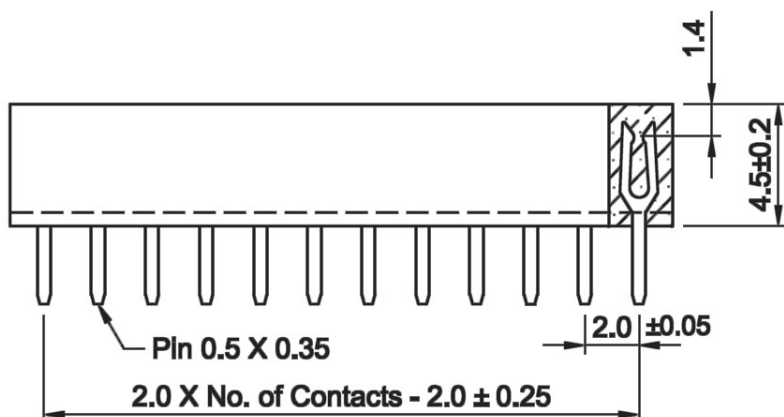
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

P/N 2 0 N68 - x x x x B  
1 2 3

1. CONTACT TYPE:  
"N68" DOUBLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:  
004~080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

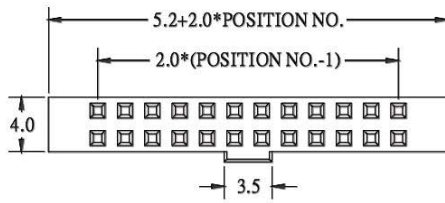
## 2.00MM(0.079") FEMALE HEADER WITH POLARIZATION BUMP STRAIGHT TYPE PROFILE=4.50MM

### SPECIFICATIONS

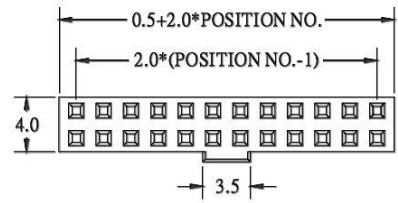
**Current Rating:** 1 Amp  
**Contact Resistance:** 30mΩ Max.  
**Insulator Resistance:** 3000 MΩ Min.  
**Dielectric Withstand:** 500V AC For 1 Min.  
**Operating Temperature:** -40°C to +105°C

### MATERIALS

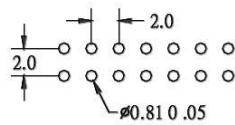
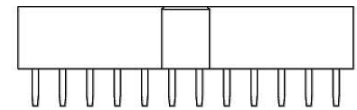
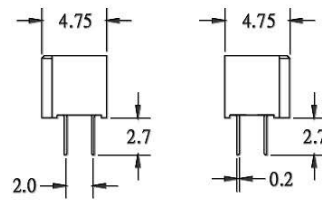
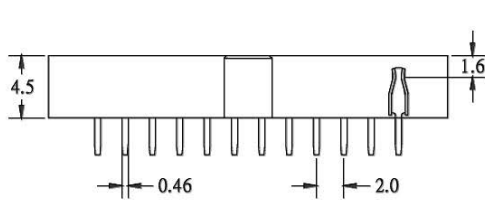
**Insulator:** NY66, Glass Reinforced, UL94V-0  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**



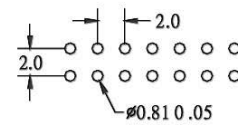
TYPE A



TYPE B



Recommended P.C.Board Layout



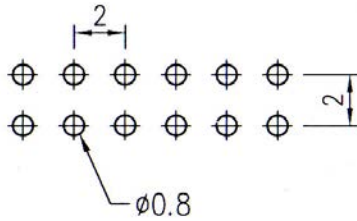
Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20 XXX - XXXX B  
 1 2 3

1. INSULATOR TYPE:  
"H09" TYPE A  
"H10" TYPE B
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW DIP TYPE PROFILE=4.85MM



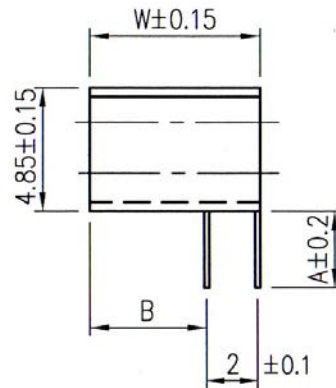
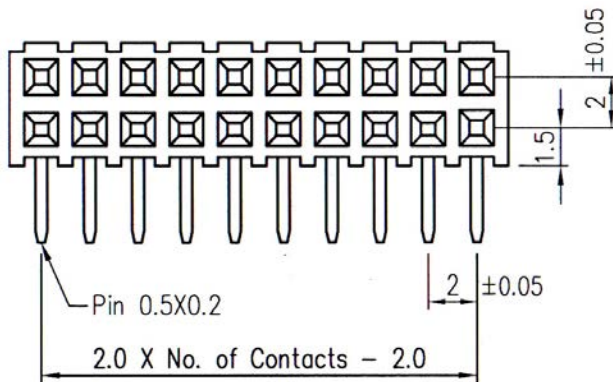
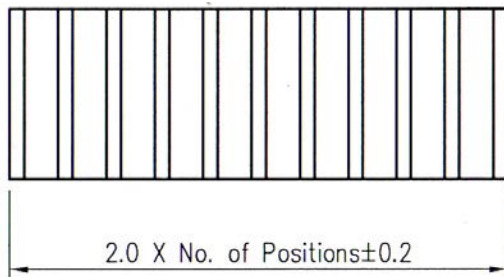
Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C  
**Max Process Temp:** 230°C for 30~60 sec.  
 (260°C for 10 sec.)

### MATERIALS

**Insulator:** Polyester, UL94V-0  
 Nylon-6T  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**



### ORDERING INFORMATION:

P/N 2 0 0  $\frac{X X}{1} - \frac{X X X X}{2} \frac{X}{3} B$

1. PIN LENGTH & TERMINAL TYPE:  
 "FD" W/A/B= 7.2/3.0/5.1mm RIGHT ANGLE TYPE  
 "EN" W/A/B= 7.2/2.7/5.1mm RIGHT ANGLE TYPE  
 "FQ" W/A/B= 6.7/2.8/4.6mm RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
 004 ~ 080
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED



## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE PROFILE=4.85MM

### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

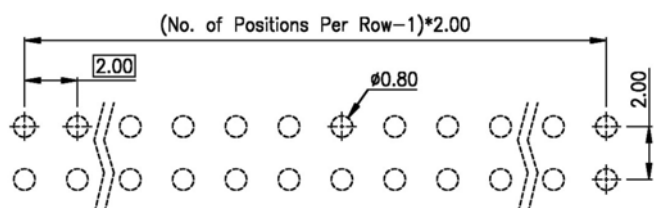
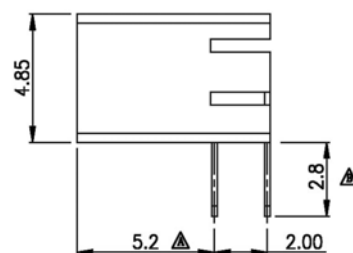
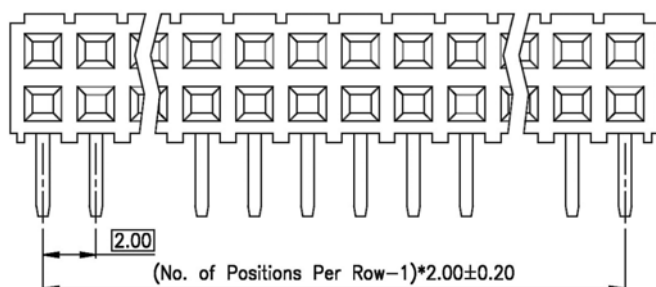
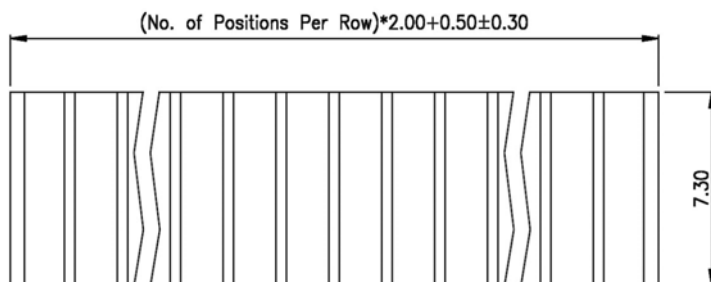
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Nylon46 (UL 94V-0), Black

**Terminal:** Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20N73 -  $\frac{xxx}{1} \frac{G}{2} B$

1. NO. OF CONTACTS:

004~080

2. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SIDE ENTRY TYPE PROFILE=5.00MM

### SPECIFICATIONS

**Rating Current:** 2 Amperes

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 500V AC

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to +105°C

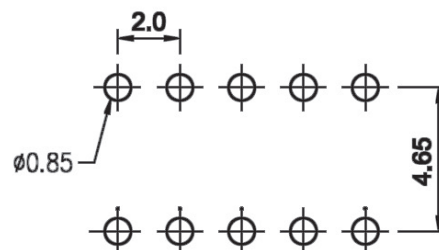
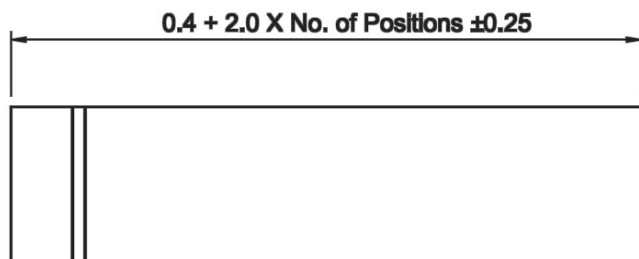
### MATERIALS

**Contact Material:** Phosphor Bronze

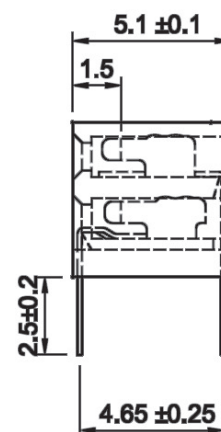
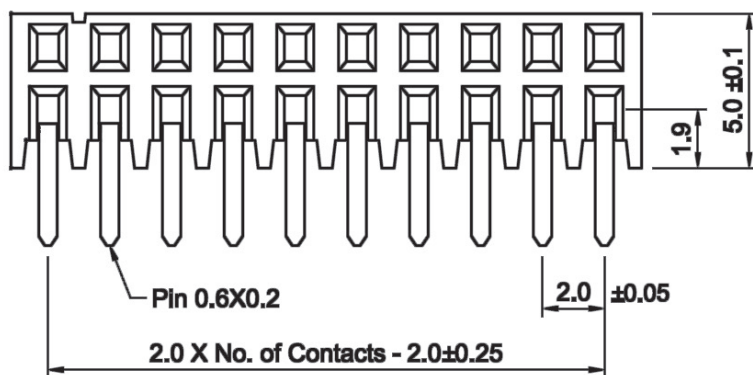
**Contact Plating:** Gold / Tin over Nickel

**Insulator:** Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

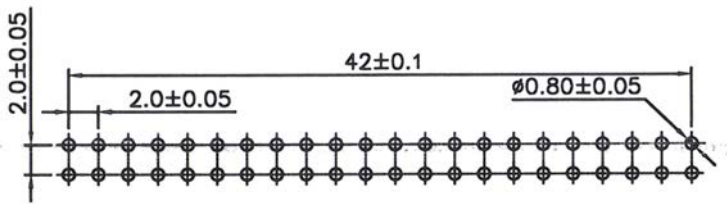


### ORDERING INFORMATION:

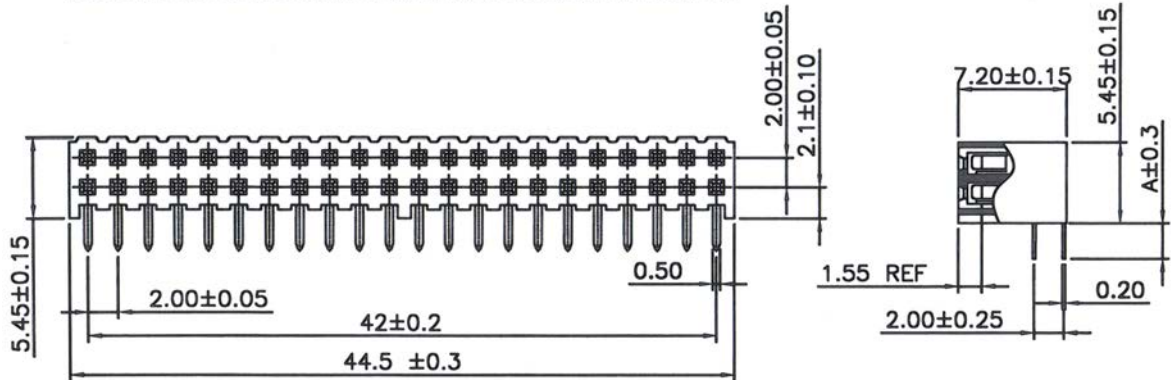
P/N  $200 \frac{FE}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{T}{4}$

1. CONTACT TYPE:  
"FE" SIDE ENTRY TYPE
2. NO. OF CONTACTS:  
006~050
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE OPTION:  
"T" W/O PAD IN TUBE

## 2.00MM (0.079") FEMALE HEADER DOUBLE ROW DIP TYPE PROFILE=5.45MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 2 A  
 Voltage Rating: 150V AC/DC  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 1000MΩ Min.  
 Dielectric Withstanding: 500V AC/Min.  
 Operating Temperature: -25°C to +85°C

### MATERIALS

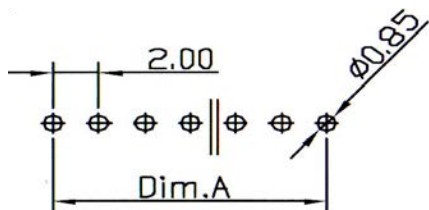
Insulator: NY6T UL94V-0  
 Contact: Phosphor Bronze  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 200  $\frac{X}{1} - \frac{X}{2} \frac{X}{3} \frac{X}{4} B - \frac{X}{4}$

- |   |   |
|---|---|
| <p>1. DIP LENGTH:<br/>             "DC" A=2.4MM<br/>             "DD" A=2.0MM</p> <p>2. NO. OF CONTACTS:<br/>             004 ~ 080</p> <p>3. CONTACT FINISH:<br/>             "G" FULL GOLD PLATED<br/>             "S" SELECTIVE GOLD PLATED<br/>             "T" FULL TIN PLATED</p> | <p>4. PACKAGE OPTION:<br/>             "T" W/O FILM IN TUBE<br/>             "F" WITH FILM IN TUBE<br/>             "G" WITH FILM IN TAPE &amp; REEL<br/>             "0" IN TRAY</p> |
|---|---|

## 2.00MM(0.079") FEMALE HEADER SINGLE ROW DIP TYPE PROFILE=6.35MM



Recommended P.C.Board Layout

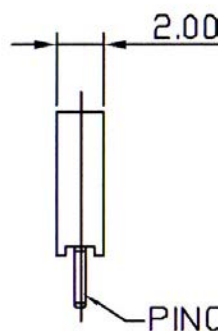
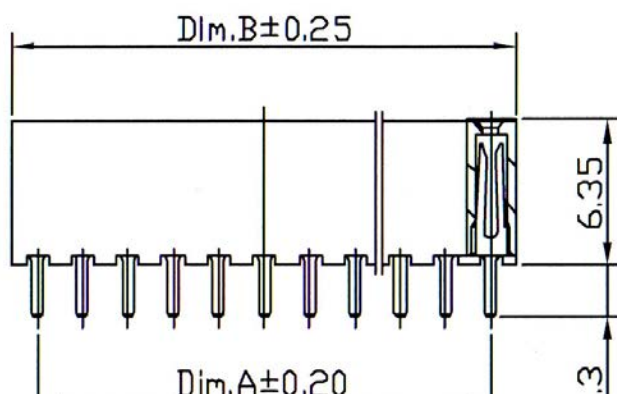
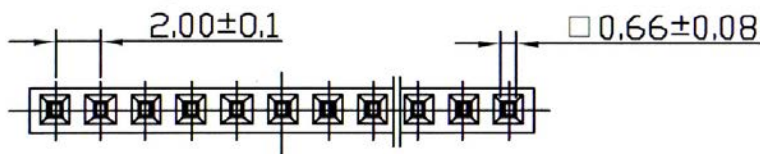
200KU

### SPECIFICATIONS

Current Rating: 2.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: UL94V-0  
 LCP  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



### DIMENSIONS:

A = 2.00 x (No. of Contacts / Row-1)  
 B = 2.00 x (No. of Contacts / Row+0.30)

### ORDERING INFORMATION:

P/N 200  $\frac{xx}{1} - \frac{xxx}{2} \frac{x}{3} B$

#### 1. TERMINAL TYPE:

"KU" STRAIGHT TYPE DIP=2.3MM

"KH" STRAIGHT TYPE DIP=3.0MM

"LW" STRAIGHT TYPE DIP=2.4MM

#### 2. NO. OF CONTACTS:

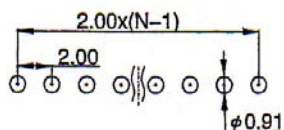
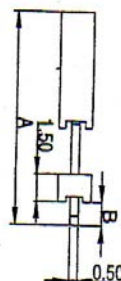
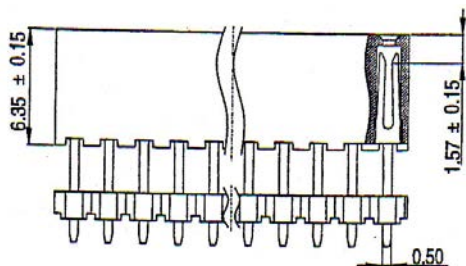
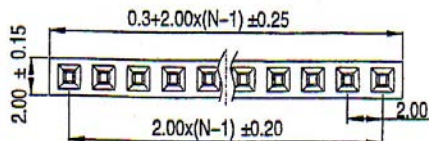
002 ~ 040

#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") ELEVATED FEMALE HEADER SINGLE ROW PROFILE=6.35MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester, UL94V-0  
 Nylon-6T  
 Contacts: Phosphor Bronze  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 1 9 9 1 S 2 -  $\frac{A/B}{1}$  -  $\frac{X X X X}{2}$   $\frac{B}{3}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{X X X X X X X}{Y Y M M D D}$  -  $\frac{X X X X}{2}$   $\frac{B}{3}$

1. DIMENSION A/B (UNIT: mm)
2. NO. OF CONTACTS:  
002 ~ 040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: TOTAL PIN LENGTH (A+B) = MAX. 21.59MM

## 2.00MM(0.079") FEMALE HEADER SINGLE ROW RIGHT ANGLE DIP TYPE PROFILE=6.35MM

### SPECIFICATIONS

Rating Current: 2 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

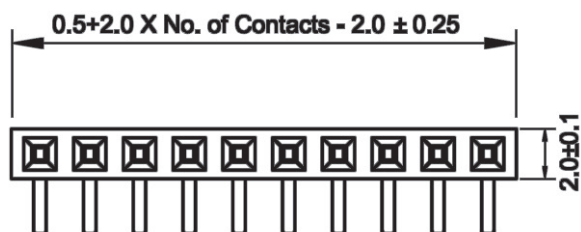
### MATERIALS

Contact Material: Phosphor Bronze

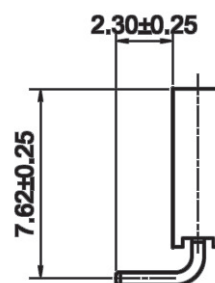
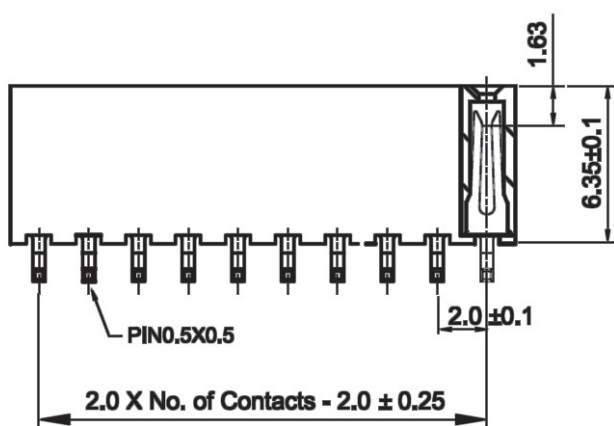
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
LCP

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



P/N 200KL-xxxB

### ORDERING INFORMATION:

P/N 200  $\frac{xx}{1} - \frac{xxx}{2} \frac{x}{3} B$

1. CONTACT TYPE:

"KL" DIP=2.30MM

"LJ" DIP=3.00MM

2. NO. OF CONTACTS:

002~040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=6.35MM

PIN LENGTH	2.40	4.67	6.00	8.67	12.00	12.67
SINGLE ROW	H17	H18	H19	H20	H21	H22
DOUBLE ROW	H23	H24	H25	H26	H27	H28

### SPECIFICATIONS

**Current Rating:** 1 Amp

**Contact Resistance:** 30mΩ Max.

**Insulator Resistance:** 3000 MΩ Min.

**Dielectric Withstand:** 500V AC For 1 Min.

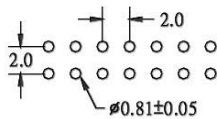
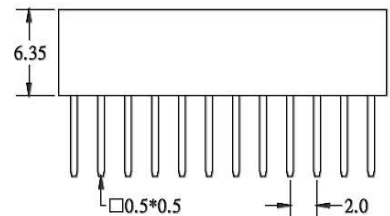
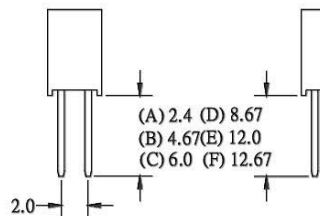
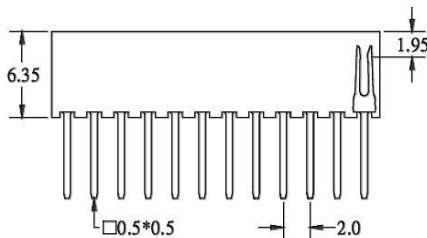
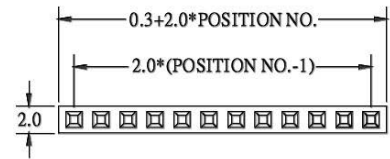
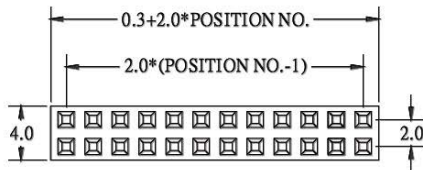
**Operating Temperature:** -40°C to +105°C

### MATERIALS

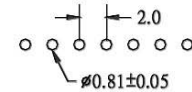
**Insulator:** LCP, Glass Reinforced, UL94V-0

**Contacts:** Phosphor Bronze

**All materials must be RoHS compliant.**



Recommended P.C.Board Layout



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20 XXX - XXX X B  
1 2 3

1. CONNECTOR TYPE:

H17, H18, H19, H20, H21, H22,  
H23, H24, H25, H26, H27, H28

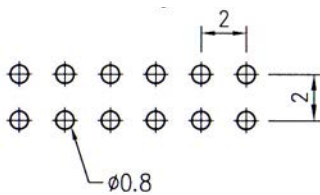
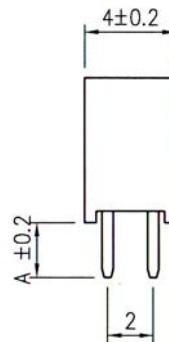
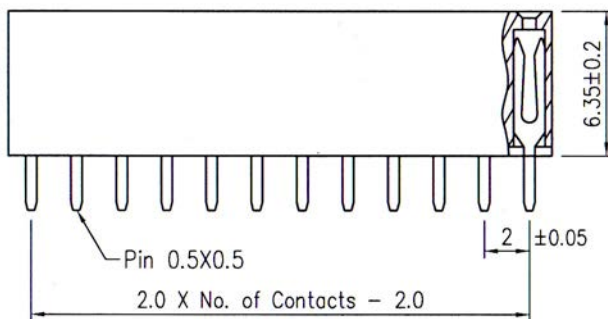
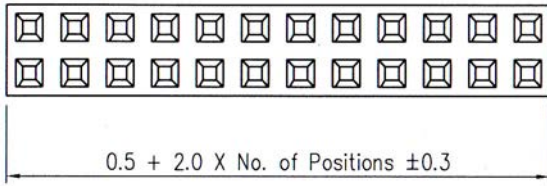
2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW  
004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=6.35MM



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Polyester, UL94V-0

Nylon-6T

**Contacts:** Phosphor Bronze

All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 200  $\frac{X}{1}$  -  $\frac{X}{2}$   $\frac{X}{3}$  B

1. PIN LENGTH:

"GJ" A= 2.40mm

"AQ" A= 3.00mm

"AA" A= 4.90mm

"DH" A= 5.28mm

"AB" A= 8.90mm

"AC" A= 14.60mm

2. NO. OF CONTACTS:

004 ~ 080

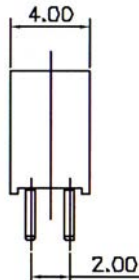
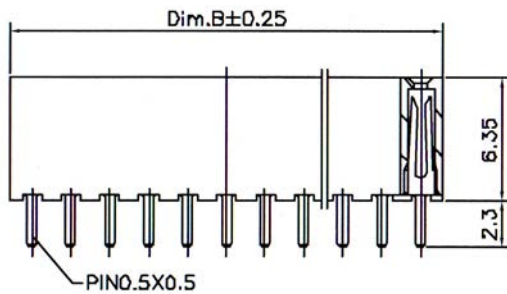
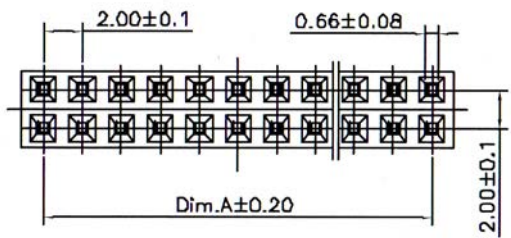
3. CONTACT FINISH:

"G" FULL GOLD PLATED

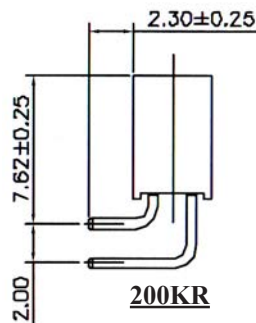
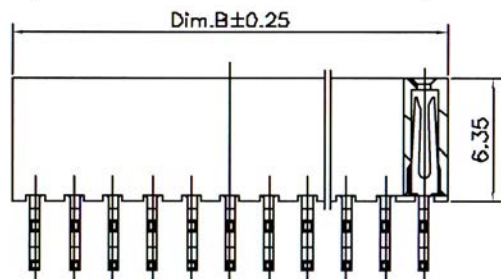
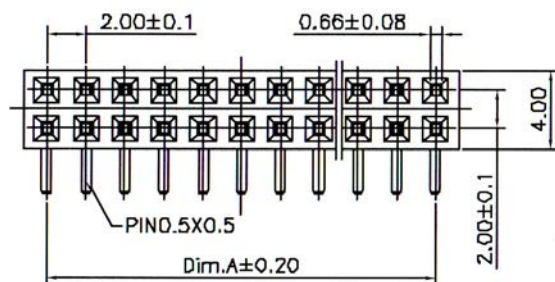
"T" FULL TIN PLATED



## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW DIP TYPE PROFILE=6.35MM



**200KS**



**200KR**

### SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -55°C to +105°C

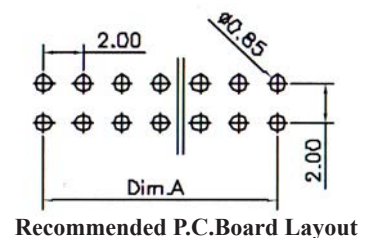
### MATERIALS

Insulator: UL94V-0

LCP

Contacts: Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout

### DIMENSIONS:

A = 2.0 x (No. of Contacts/Row-1)

B = 2.0 x No. of Contacts/Row+0.30

### ORDERING INFORMATION:

P/N 200  $\frac{xx}{1}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B

1. CONNECTOR TYPE:

"KS" STRAIGHT TYPE

"KR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

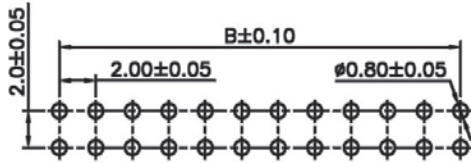
004 ~ 080

3. CONTACT FINISH:

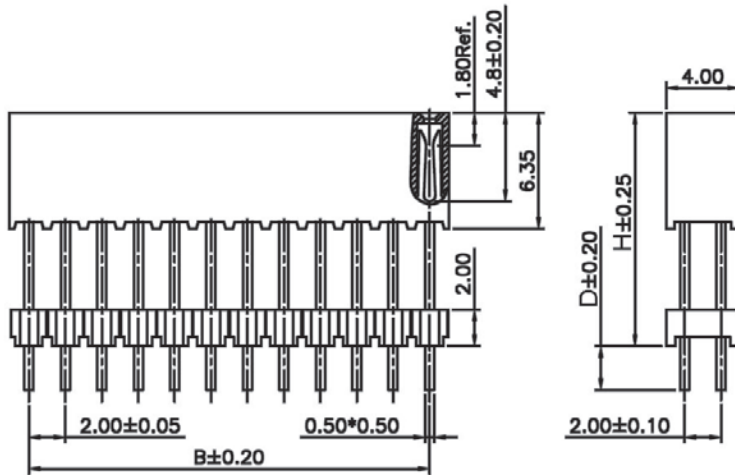
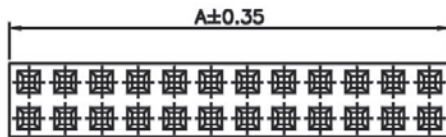
"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

**2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW  
STRAIGHT DIP TYPE PROFILE=6.35MM (1)**



Recommended P.C.Board Layout



$A = B + 2.11$

$B = 2.00 \times (\text{NO. OF CONTACTS / ROW} - 1)$

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 100MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -25°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

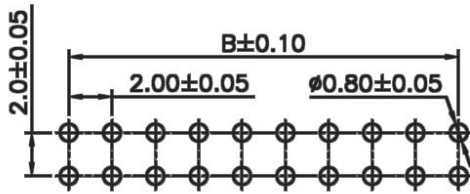
**P/N 20  $\frac{XXX}{1} - \frac{XXX}{2} \frac{X}{3} B - \frac{X}{4}$**

1. CONTACT TYPE:  
H87, H88, H89, H90, H91
2. NO. OF CONTACTS:  
004 ~ 060
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"0" IN TRAY

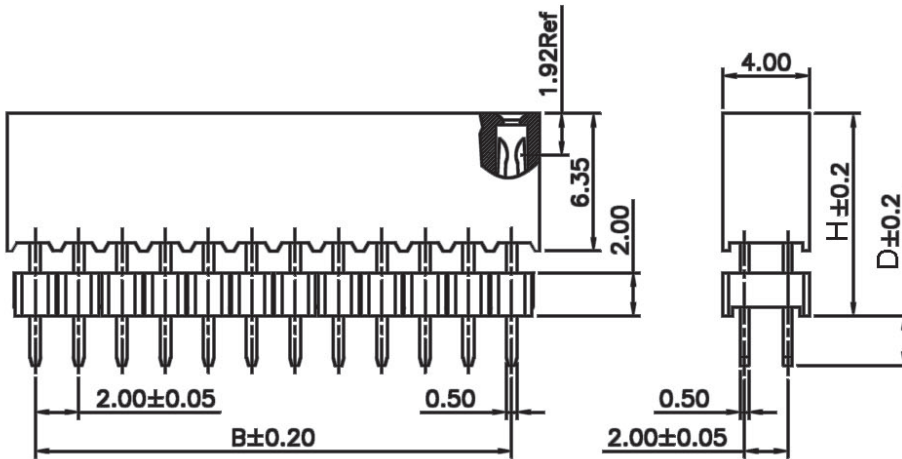
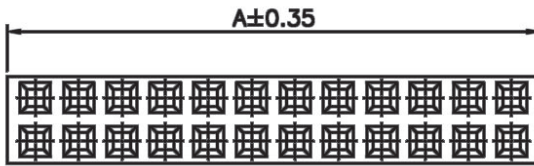
P/N	DIM.H	DIM.D
H87	12.80	2.40
H88	10.30	2.90
H89	10.67	10.92
H90	20.32	1.27
H91	12.60	8.99

NOTE: CONTACT POINT DEPTH=1.80MM

**2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW  
STRAIGHT DIP TYPE PROFILE=6.35MM (2)**



Recommended P.C.Board Layout



$A = B + 2.11$

$B = 2.00 \times (\text{NO. OF CONTACTS / ROW} - 1)$

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 100MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

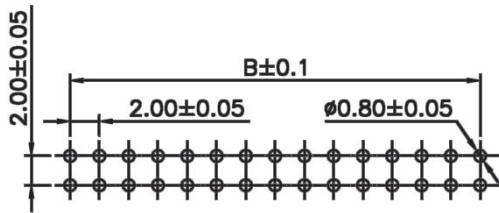
**P/N 20  $\frac{1}{\text{X}}$   $\frac{2}{\text{X}}$   $\frac{3}{\text{X}}$  B -  $\frac{4}{\text{X}}$**

- 1. CONTACT TYPE:  
H92, H93, H94
- 2. NO. OF CONTACTS:  
004 ~ 060
- 3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- 4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL  
"R" W/O PAD IN TAPE & REEL

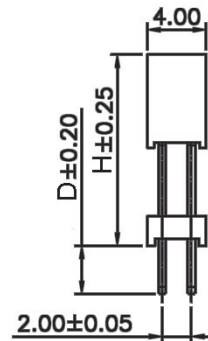
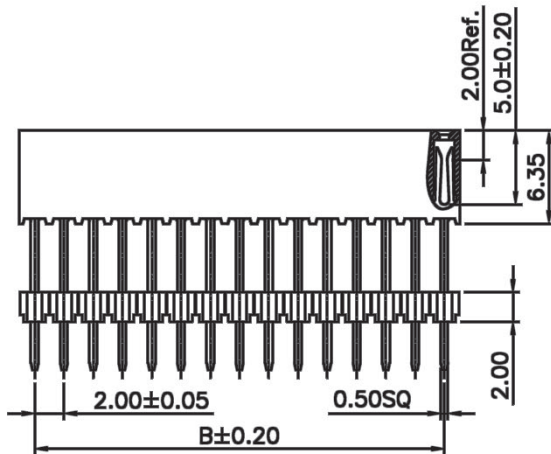
NOTE: CONTACT POINT DEPTH=1.80MM

P/N	DIM.H	DIM.D
H92	9.35	2.28
H93	10.00	1.63
H94	13.00	2.80

**2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW  
STRAIGHT DIP TYPE PROFILE=6.35MM (3)**



Recommended P.C.Board Layout



A = B + 2.50

B = 2.00 x (NO. OF CONTACTS / ROW - 1)

**SPECIFICATIONS**

- Current Rating: 1.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

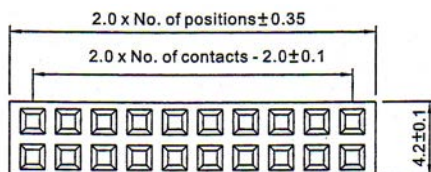
P/N 2 0  $\frac{1}{X X X}$  -  $\frac{2}{X X X X}$   $\frac{3}{B}$  -  $\frac{4}{X}$

1. CONTACT TYPE:  
H95, H96, 0GK
2. NO. OF CONTACTS:  
004 ~ 060
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
" " IN TRAY

P/N	DIM.H	DIM.D
H95	13.05	3.30
H96	13.55	2.80
0GK	9.35	2.28

NOTE: CONTACT POINT DEPTH=2.00MM

## 2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW PROFILE=6.35MM (4)



### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 5000 M $\Omega$  min.

Contact Resistance: 20m $\Omega$  Max.

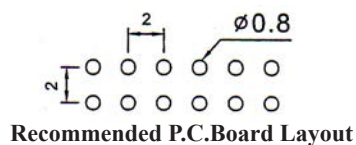
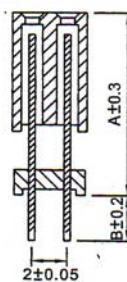
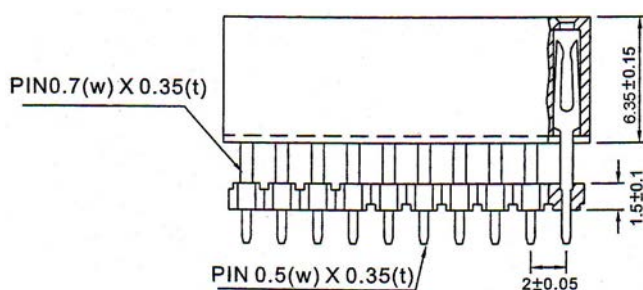
Operating Temperature: -40 $^{\circ}$ c to + 105 $^{\circ}$ c

### MATERIALS

Insulator: Polyester NY6T, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



### ORDERING INFORMATION:

P/N 2 0 0  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B

#### 1. PIN LENGTH:

"HA" A/B=10.9/2.7mm

"GZ" A/B= 9.7/1.4mm

#### 2. NO. OF CONTACTS:

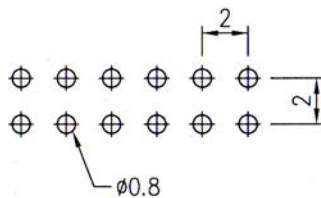
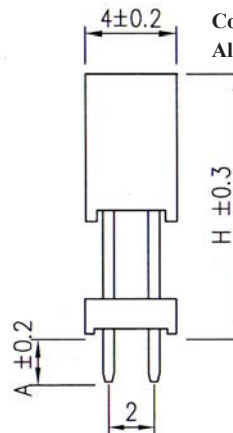
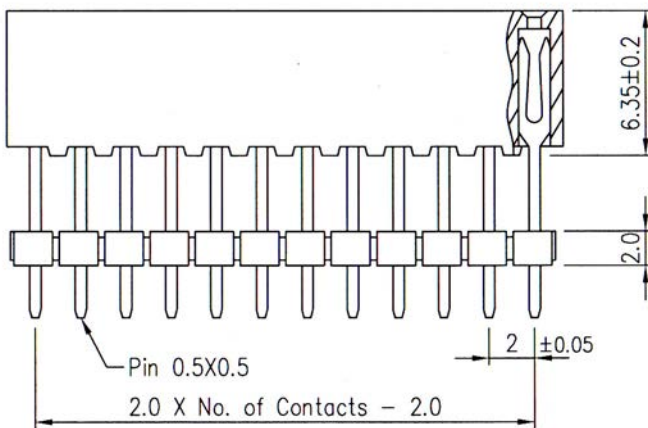
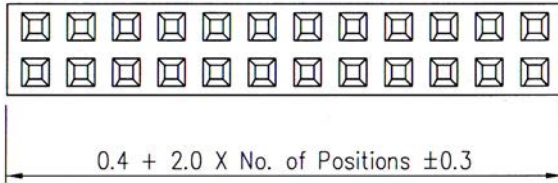
004 ~ 080

#### 3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED

"G" FULL GOLD PLATED

## 2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW PROFILE=6.35MM



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Polyester, UL94V-0  
 Nylon-6T  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**

### ORDERING INFORMATION:

**CODE: 1 9 9 2 S 2 -  $\frac{H/A}{1}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B**

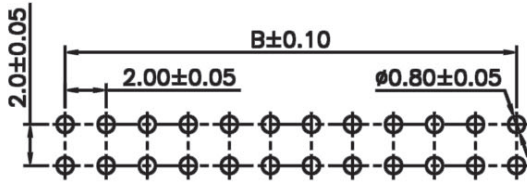
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{X X X X X X X}{Y Y M M D D}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B**

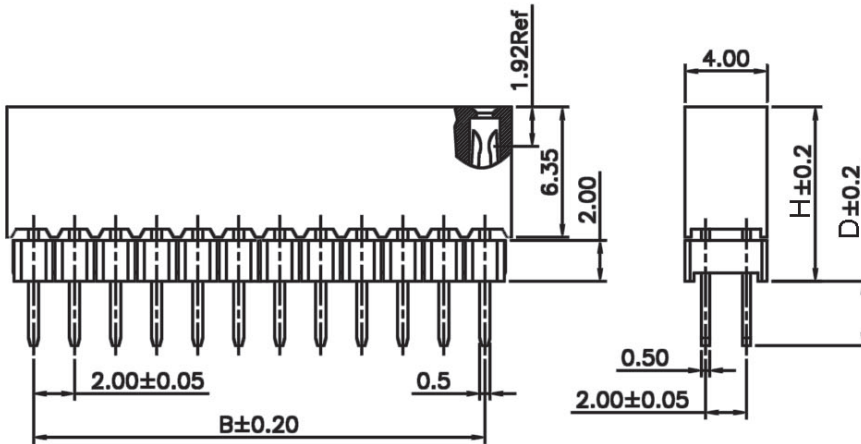
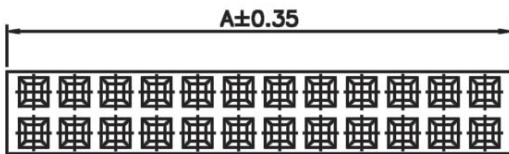
1. DIMENSION H/A (UNIT:mm)
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: TOTAL PIN LENGTH (H+A) = MAX. 21.59MM

**2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW  
STRAIGHT DIP TYPE PROFILE=6.35MM**



Recommended P.C.Board Layout



$A = B + 2.11$

$B = 2.00 \times (\text{NO. OF CONTACTS / ROW} - 1)$

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 100MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

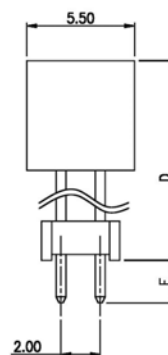
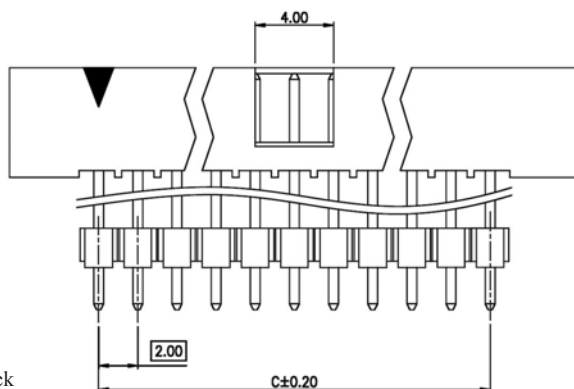
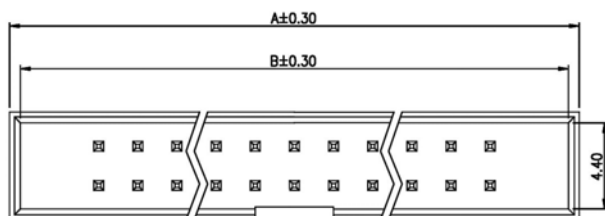
**ORDERING INFORMATION:**

**P/N 20  $\frac{1}{x x x} - \frac{2}{x x x} \frac{3}{x} B - \frac{4}{x}$**

1. CONTACT TYPE:  
H97, H98, H99
2. NO. OF CONTACTS:  
004 ~ 060
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"F" WITH FILM IN TUBE  
"O" IN TRAY

P/N	DIM.H	DIM.D
H97	8.50	3.13
H98	8.35	3.20
H99	8.43	3.20

## 2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE



### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

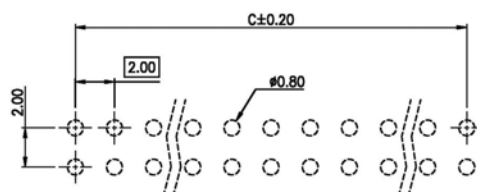
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Thermoplastic (UL 94V-0), Black

**Terminal:** Sq. 0.50mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C. Board Layout

Dimensions			
Pos	A	B	C
06	13.20	12.10	4.00
08	15.20	14.10	6.00
10	17.20	16.10	8.00
12	19.20	18.10	10.00
14	21.20	20.10	12.00
16	23.20	22.10	14.00
18	25.20	24.10	16.00
20	27.20	26.10	18.00
22	29.20	28.10	20.00
24	31.20	30.10	22.00
26	33.20	32.10	24.00
28	35.20	34.10	26.00
30	37.20	36.10	28.00
32	39.20	38.10	30.00
34	41.20	40.10	32.00
36	43.20	42.10	34.00
40	47.20	46.10	38.00
44	51.20	50.10	42.00
50	57.20	56.10	48.00
60	67.20	66.10	58.00
64	71.20	70.10	62.00
68	75.20	74.10	66.00

### ORDERING INFORMATION:

P/N 20  $\frac{P_{xx}}{1} - \frac{xxx}{2} \frac{G}{3} B$

#### 1. DIMENSION D & E:

"P12" D/E = 14.7/2.5MM

"P13" D/E = 11.0/3.0MM

"P14" D/E = 12.1/5.0MM

"P15" D/E = 8.6/3.0MM

"P16" D/E = 11.3/2.8MM

"P17" D/E = 17.8/2.9MM

#### 2. NO. OF CONTACTS:

006~068

#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED



## 2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE

### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

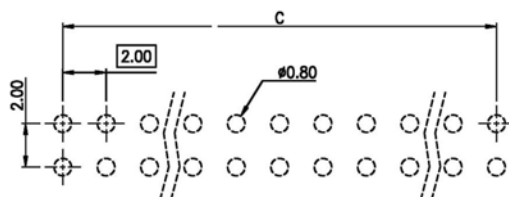
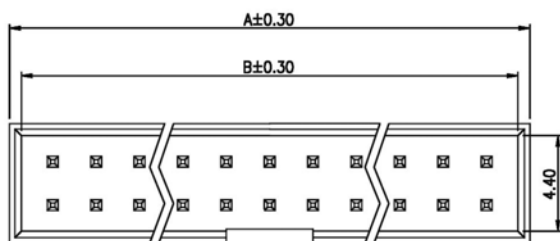
**Operating Temperature:** -55°C to +105°C

### MATERIALS

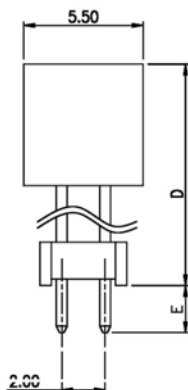
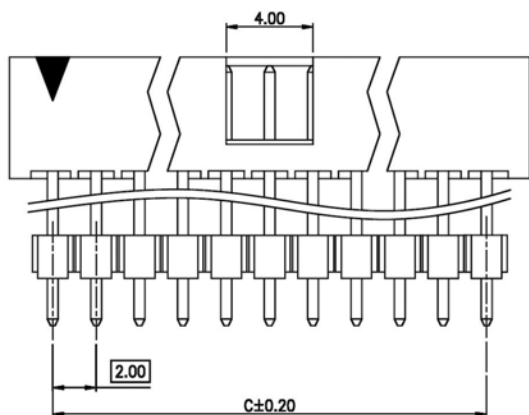
**Housing:** Thermoplastic (UL 94V-0), Black

**Terminal:** Sq. 0.50mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



Length Options				Length Options			
Pos	A	B	C	Pos	A	B	C
06	8.00	6.85	4.00	34	36.00	34.85	32.00
08	10.00	8.85	6.00	36	38.00	36.85	34.00
10	12.00	10.85	8.00	38	40.00	38.85	36.00
12	14.00	12.85	10.00	40	42.00	40.85	38.00
14	16.00	14.85	12.00	44	46.00	44.85	42.00
16	18.00	16.85	14.00	46	48.00	46.85	44.00
18	20.00	18.85	16.00	48	50.00	48.85	46.00
20	22.00	20.85	18.00	50	52.00	50.85	48.00
22	24.00	22.85	20.00	54	56.00	54.85	52.00
24	26.00	24.85	22.00	56	58.00	56.85	54.00
26	28.00	26.85	24.00	60	62.00	60.85	58.00
28	30.00	28.85	26.00	62	64.00	62.85	60.00
30	32.00	30.85	28.00	64	66.00	64.85	62.00
32	34.00	32.85	30.00	68	70.00	68.85	66.00

### ORDERING INFORMATION:

P/N 20 N<sub>1</sub> X<sub>2</sub> X<sub>3</sub> - X<sub>2</sub> X<sub>3</sub> G B

1. DIMENSION D & E:

"N84" D/E = 11.30/2.80MM

"N85" D/E = 17.53/6.17MM

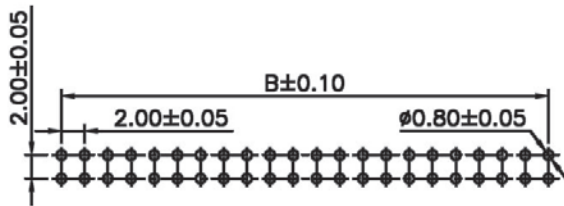
2. NO. OF CONTACTS:

006~068

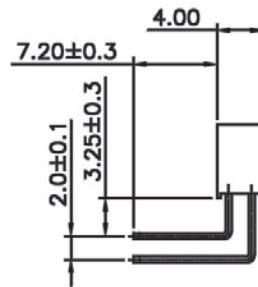
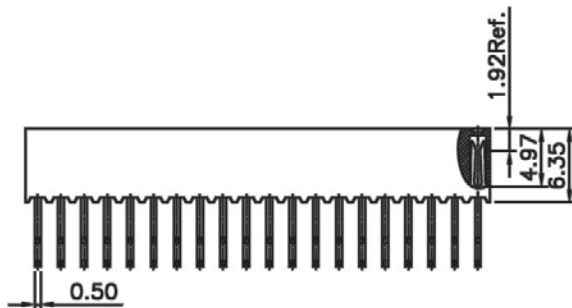
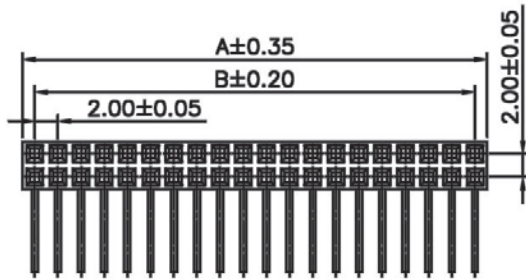
3. CONTACT FINISH:

"G" FULL GOLD PLATED

**2.00MM(0.079") FEMALE HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=6.35MM (1)**



Recommended P.C.Board Layout



$A = B + 2.50$

$B = 2.00 \times (\text{NO. OF CONTACTS} / 2 - 1)$

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

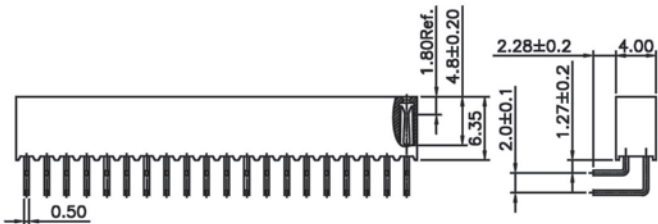
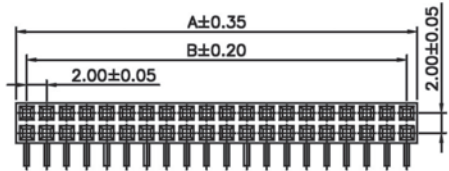
- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

**P/N 2 0 0  $\frac{LY}{1} - \frac{XXXX}{2} \frac{X}{3} B - \frac{X}{4}$**

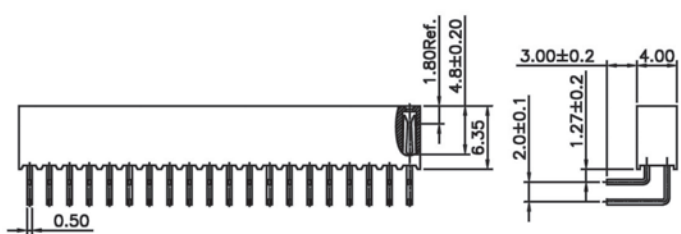
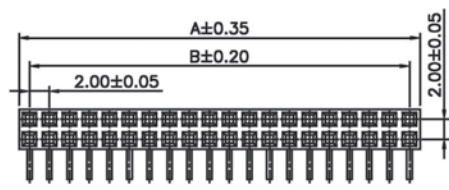
- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. CONTACT TYPE:<br/>"LY" RIGHT ANGLE DIP TYPE</li> <li>2. NO. OF CONTACTS:<br/>004 ~ 060</li> <li>3. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ol> | <ol style="list-style-type: none"> <li>4. PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL<br/>"F" WITH FILM IN TUBE<br/>"G" WITH FILM IN TAPE &amp; REEL<br/>"0" IN TRAY</li> </ol> |
|--|--|

**2.00MM(0.079") FEMALE HEADER DOUBLE ROW  
RIGHT ANGLE DIP TYPE PROFILE=6.35MM (2)**



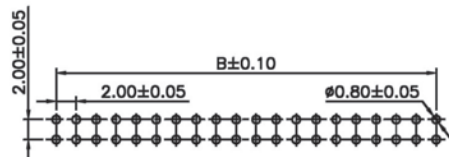
A = B + 2.50  
B = 2.00 x (NO. OF CONTACTS / ROW-1)

**200LR**



A = B + 2.50  
B = 2.00 x (NO. OF CONTACTS / ROW-1)

**200LU**



**Recommended P.C.Board Layout**

**SPECIFICATIONS**

- Current Rating: 3.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T or LCP UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

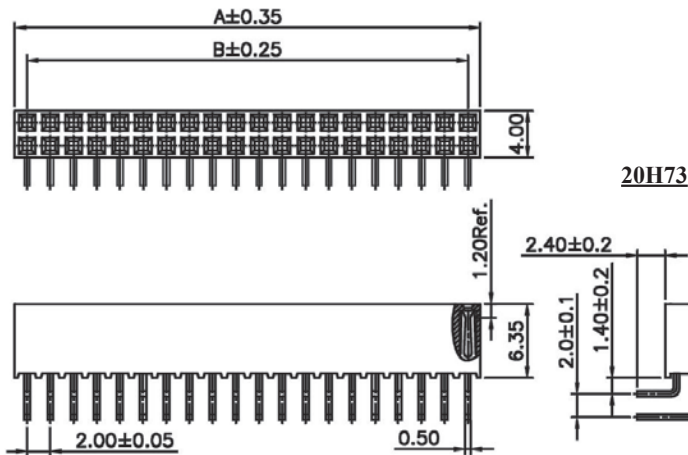
**ORDERING INFORMATION:**

**P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1. CONTACT TYPE:<br/>"LR" DIP=2.28MM<br/>"LU" DIP=3.00MM</li> <li>2. NO. OF CONTACTS:<br/>004 ~ 060</li> <li>3. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ul> | <ul style="list-style-type: none"> <li>4. PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL<br/>"F" WITH FILM IN TUBE<br/>"G" WITH FILM IN TAPE &amp; REEL</li> </ul> |
|--|--|

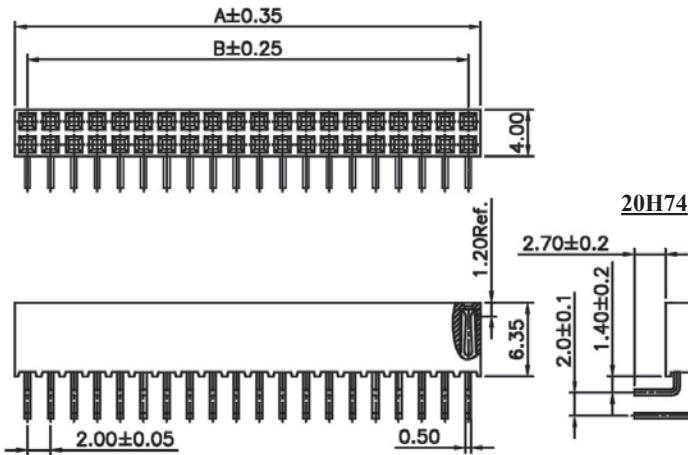
NOTE: PAD = PICK & PLACE PAD

**2.00MM(0.079") FEMALE HEADER DOUBLE ROW  
RIGHT ANGLE DIP TYPE PROFILE=6.35MM (3)**



**20H73**

$A = B + 2.50$   
 $B = 2.00 \times (\text{NO. OF CONTACTS} / 2 - 1)$



**20H74**

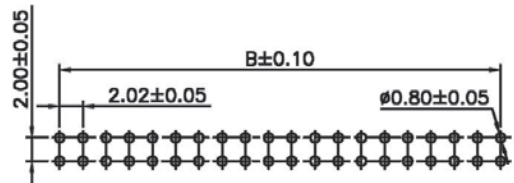
$A = B + 2.50$   
 $B = 2.00 \times (\text{NO. OF CONTACTS} / 2 - 1)$

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.



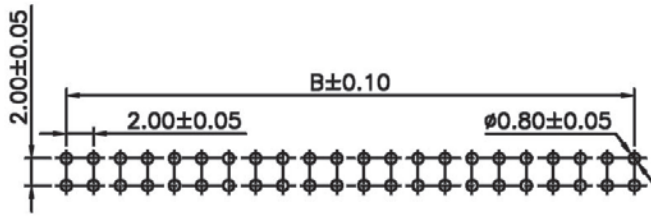
**Recommended P.C.Board Layout**

**ORDERING INFORMATION:**

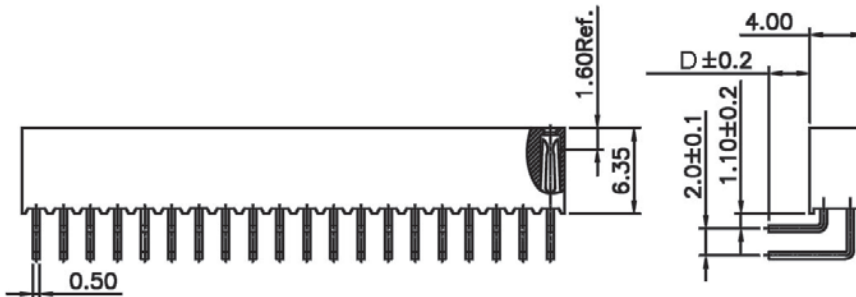
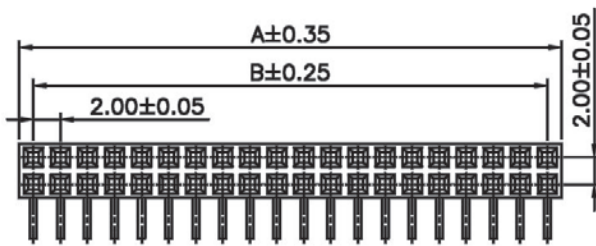
**P/N 2 0  $\frac{XXX}{1} - \frac{XXX}{2} \frac{X}{3} B - \frac{X}{4}$**

1. CONTACT TYPE:  
 "H73" DIP=2.40MM  
 "H74" DIP=2.70MM
2. NO. OF CONTACTS:  
 004 ~ 060
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED
4. PACKAGE OPTION:  
 "T" W/O PAD IN TUBE  
 "0" IN TRAY

**2.00MM(0.079") FEMALE HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=6.35MM (4)**



Recommended P.C.Board Layout



$A = B + 2.50$

$B = 2.00 \times (\text{NO. OF CONTACTS} / 2 - 1)$

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

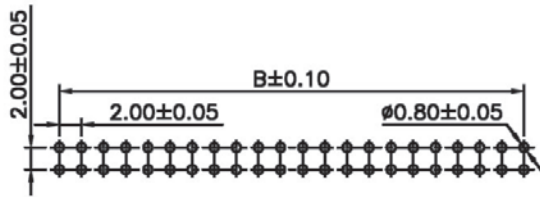
- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

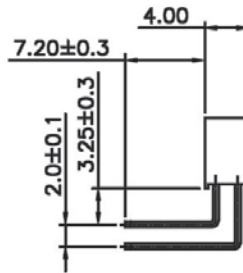
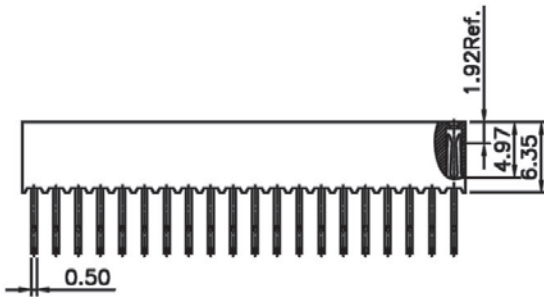
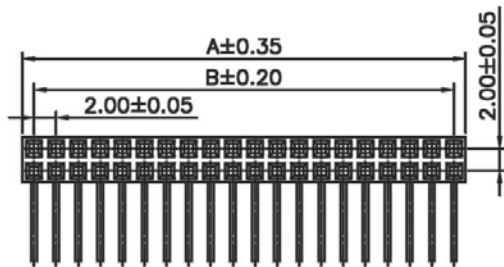
**P/N 2 0 0  $\frac{X X}{1} - \frac{X X X X}{2 3} B - \frac{X}{4}$**

- |   |  |
|---|--|
| <p>1. DIP LENGTH:<br/>"LX" D=3.00MM<br/>"LP" D=6.35MM</p> <p>2. NO. OF CONTACTS:<br/>004 ~ 060</p> <p>3. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</p> | <p>4. PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL<br/>"R" W/O PAD IN TAPE &amp; REEL<br/>"F" WITH FILM IN TUBE<br/>"G" WITH FILM IN TAPE &amp; REEL<br/>"0" IN TRAY</p> |
|---|--|

**2.00MM(0.079") FEMALE HEADER DOUBLE ROW  
RIGHT ANGLE DIP TYPE PROFILE=6.35MM (5)**



Recommended P.C.Board Layout



$A = B + 2.50$

$B = 2.00 \times (\text{NO. OF CONTACTS / ROW} - 1)$

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

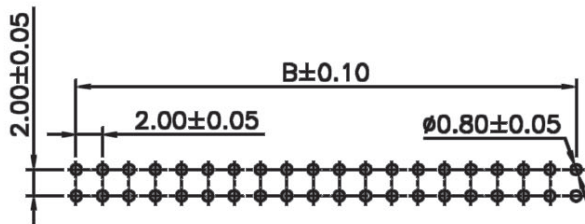
**ORDERING INFORMATION:**

**P/N 20  $\frac{H72}{1} - \frac{XXXX}{2} \frac{B}{3} - \frac{X}{4}$**

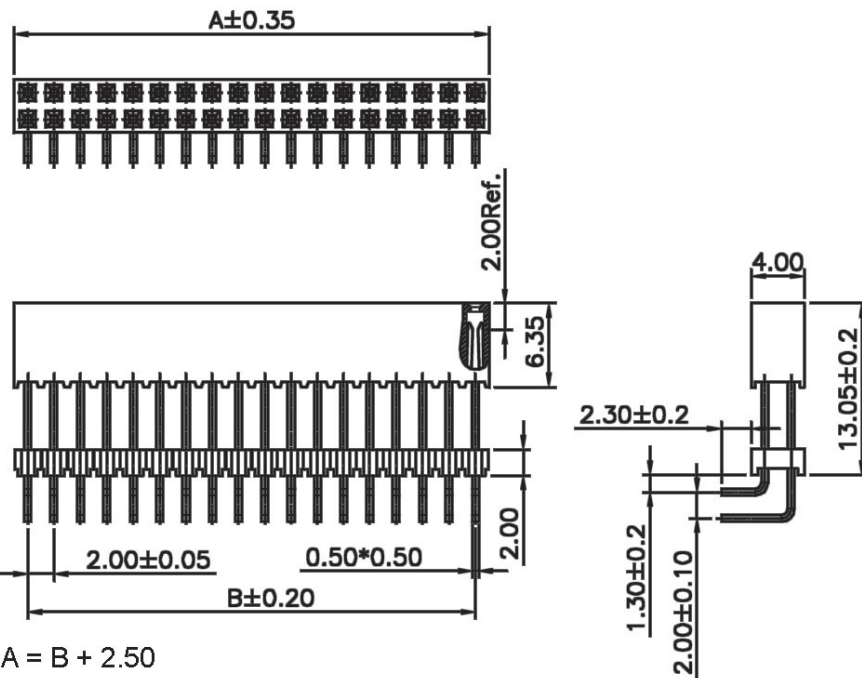
1. CONTACT TYPE:  
"H72" DIP=4.00MM
2. NO. OF CONTACTS:  
002 ~ 060
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL  
"F" WITH FILM IN TUBE  
"G" WITH FILM IN TAPE & REEL  
"0" IN TRAY

NOTE: PAD = PICK & PLACE PAD

**2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW  
RIGHT ANGLE DIP TYPE PROFILE=6.35MM**



Recommended P.C.Board Layout



$A = B + 2.50$

$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$

**SPECIFICATIONS**

- Current Rating: 1.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

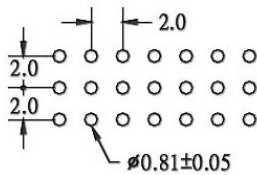
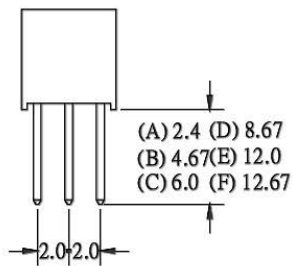
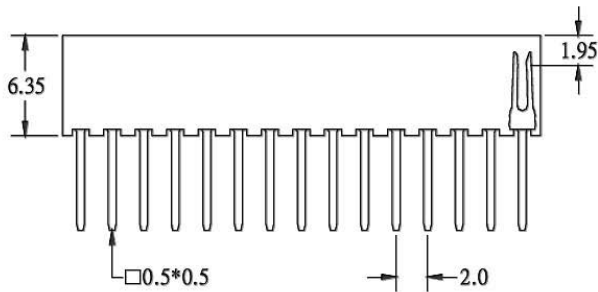
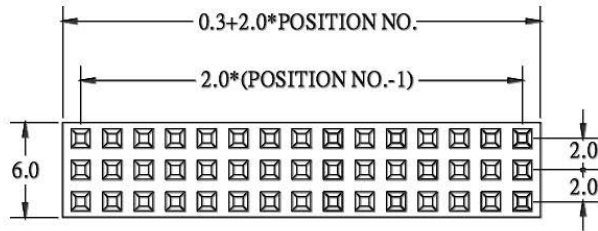
- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

**P/N 20  $\frac{K09}{1}$  -  $\frac{XXXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$**

1. CONTACT TYPE:  
"K09" RIGHT ANGLE DIP TYPE
2. NO. OF CONTACTS:  
004 ~ 060
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"0" IN TRAY

**2.00MM(0.079") FEMALE HEADER TRIPLE ROW WITH SQUARE TAIL  
PROFILE=6.35MM**



Recommended P.C.Board Layout

**SPECIFICATIONS**

- Current Rating: 1 Amp
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 3000 MΩ Min.
- Dielectric Withstand: 500V AC For 1 Min.
- Operating Temperature: -40°c to +105°c

**MATERIALS**

- Insulator: LCP, Glass Reinforced, UL94V-0
- Contacts: Phosphor Bronze
- All materials must be RoHS compliant.

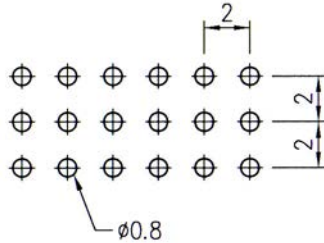
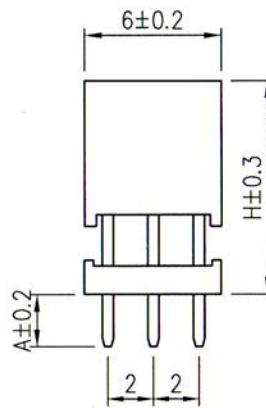
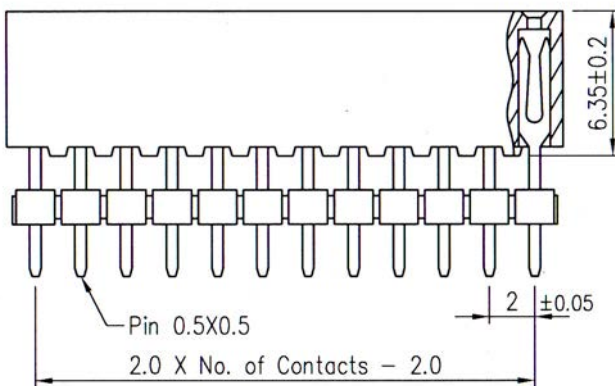
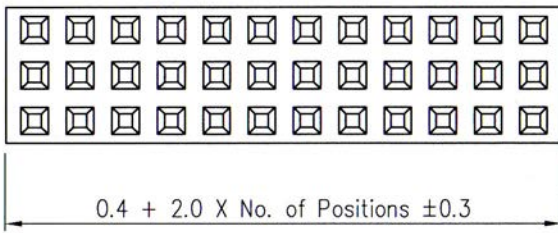
**ORDERING INFORMATION:**

**P/N 20  $\frac{XXX}{1} - \frac{XXX}{2} \frac{X}{3} B$**

1. PIN LENGTH:  
 "H29" 2.40MM (A)  
 "H30" 4.67MM (B)  
 "H31" 6.00MM (C)  
 "H32" 8.67MM (D)  
 "H33" 12.00MM (E)  
 "H34" 12.67MM (F)
2. NO. OF CONTACTS:  
 009 ~ 120
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED



## 2.00MM(0.079") ELEVATED FEMALE HEADER TRIPLE ROW PROFILE=6.35MM



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Polyester, UL94V-0

Nylon-6T

**Contacts:** Phosphor Bronze

**All materials must be RoHS compliant.**

### ORDERING INFORMATION:

**CODE: 1 9 9 3 S 2 -  $\frac{H/A}{1} - \frac{X X X X}{2} \frac{X}{3} B$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N  $\frac{P X X X X X X X}{Y Y M M D D} - \frac{X X X X}{2} \frac{X}{3} B$**

1. DIMENSION H/A (UNIT:mm)

2. NO. OF CONTACTS:

009 ~ 096

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

NOTE: TOTAL PIN LENGTH (H+A) = MAX. 21.59MM

## 2.00MM(0.079") FEMALE HEADER TRIPLE ROW RIGHT ANGLE DIP TYPE PROFILE=6.35MM

### SPECIFICATIONS

Rating Current: 2 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

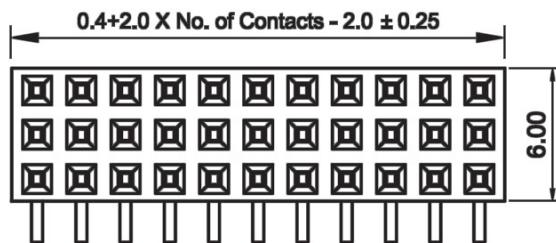
### MATERIALS

Contact Material: Phosphor Bronze

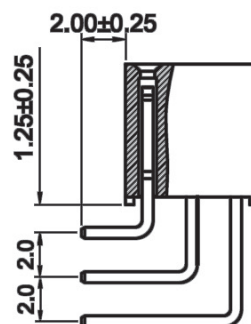
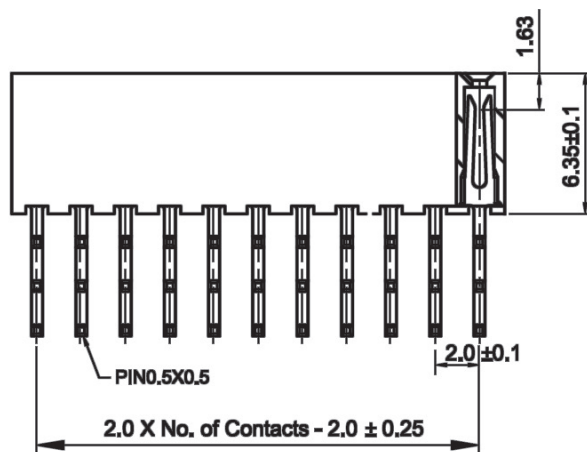
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

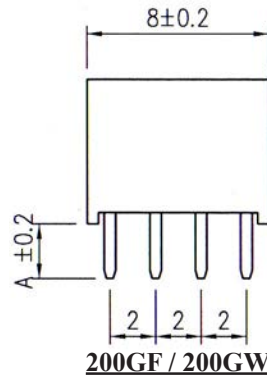
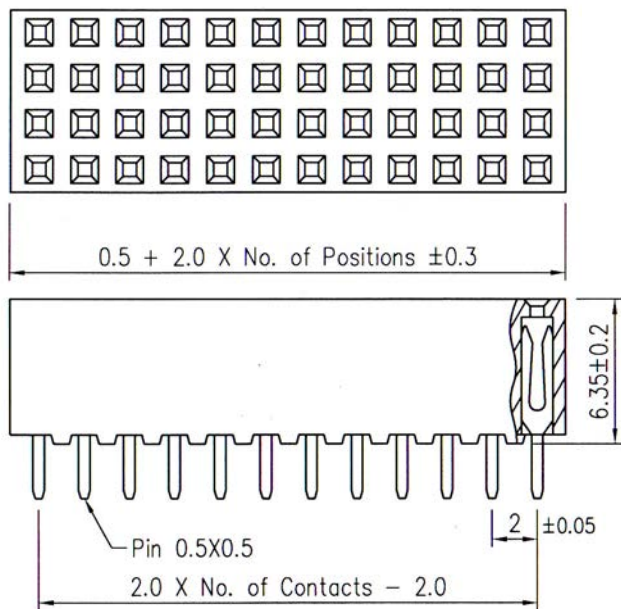
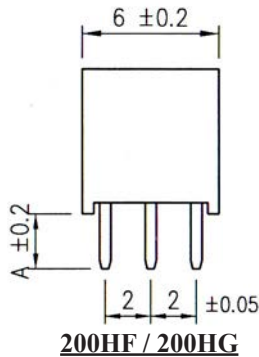
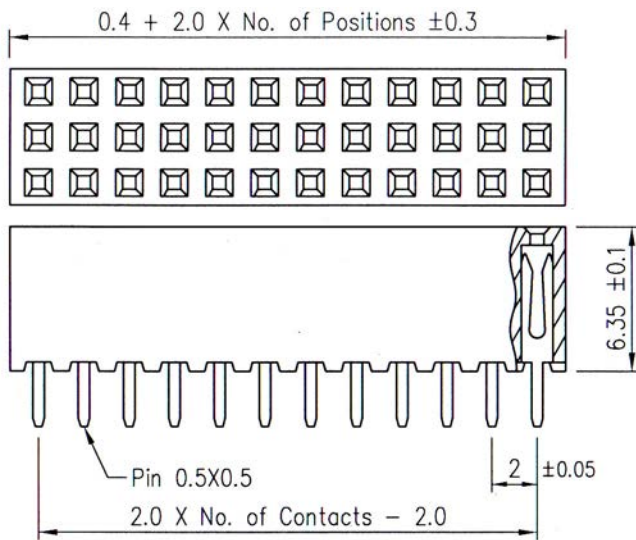


### ORDERING INFORMATION:

P/N 2 0 N45 - x x x x B  
1 2 3

1. CONTACT TYPE:  
"N45" TRIPLE ROW R/A TYPE
2. NO. OF CONTACTS:  
006~120
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=6.35MM



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to + 105°C

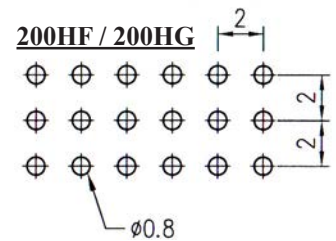
### MATERIALS

**Insulator:** Polyester, UL94V-0

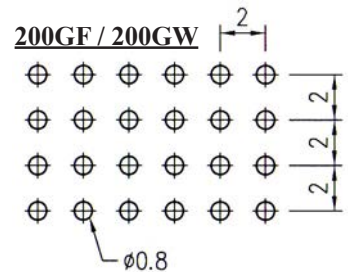
Nylon-6T

**Contacts:** Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C. Board Layout



Recommended P.C. Board Layout

### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

1. PIN LENGTH & NO. OF ROWS:

"HF" A= 2.4mm TRIPLE ROW

"HG" A= 3.00mm TRIPLE ROW

"GF" A= 2.4mm QUAD ROW

"GW" A= 3.00mm QUAD ROW

2. NO. OF CONTACTS:

009 ~ 120 FOR TRIPLE ROW

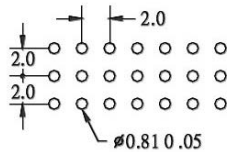
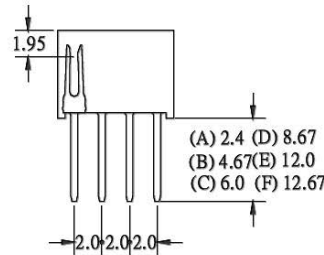
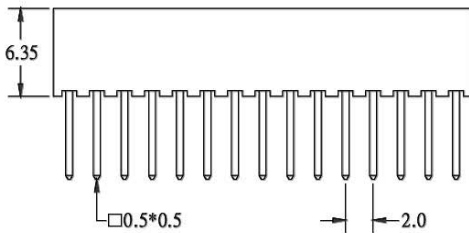
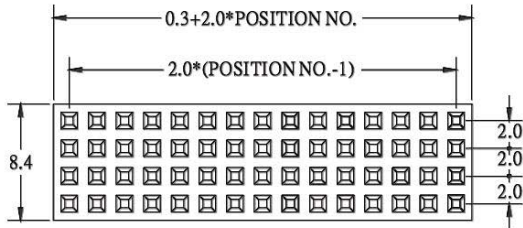
016 ~ 120 FOR QUAD ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

# 2.00MM(0.079") FEMALE HEADER QUAD ROW WITH SQUARE TAIL PROFILE=6.35MM



Recommended P.C.Board Layout

## SPECIFICATIONS

- Current Rating: 1 Amp
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 3000 MΩ Min.
- Dielectric Withstand: 500V AC For 1 Min.
- Operating Temperature: -40°C to +105°C

## MATERIALS

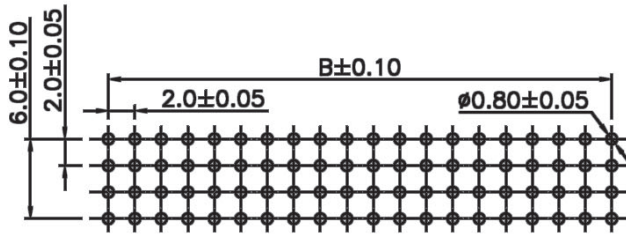
- Insulator: LCP, Glass Reinforced, UL94V-0
- Contacts: Phosphor Bronze
- All materials must be RoHS compliant.

## ORDERING INFORMATION:

P/N 20 XXX - XXX X B  
1 2 3

- PIN LENGTH:  
 "H35" 2.40MM (A)  
 "H36" 4.67MM (B)  
 "H37" 6.00MM (C)  
 "H38" 8.67MM (D)  
 "H39" 12.00MM (E)  
 "H40" 12.67MM (F)
- NO. OF CONTACTS:  
 016 ~ 160
- CONTACT FINISH:  
 "G" FULL GOLD PLATED

**2.00MM(0.079") ELEVATED FEMALE HEADER QUAD ROW  
STRAIGHT DIP TYPE PROFILE=6.35MM**



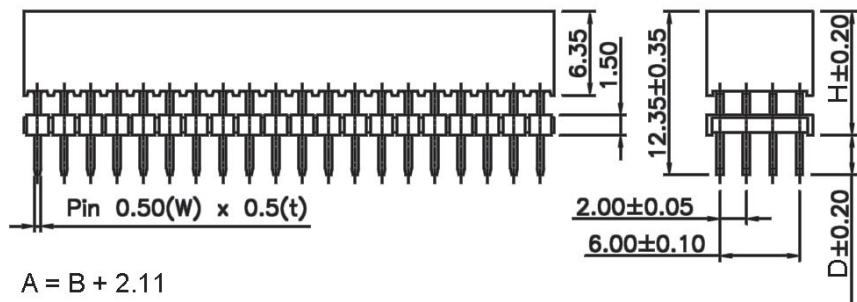
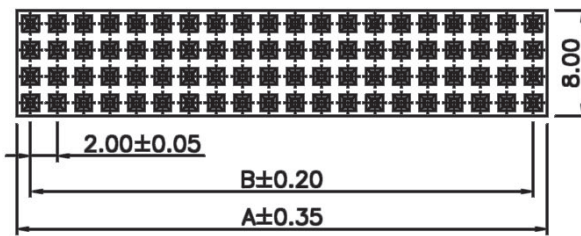
Recommended P.C.Board Layout

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.



A = B + 2.11  
B = 2.00 x (NO. OF CONTACTS / ROW - 1)

**ORDERING INFORMATION:**

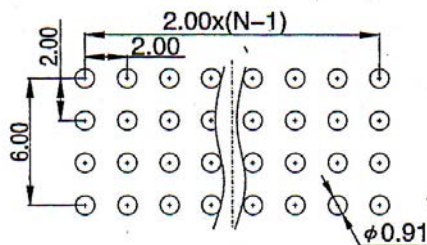
P/N 20  $\frac{1}{x x x}$  -  $\frac{2}{x x x}$   $\frac{3}{x}$  B -  $\frac{4}{x}$

1. CONTACT TYPE:  
K01, K02, K03, K04, K05, K06, K07, K08
2. NO. OF CONTACTS:  
008 ~ 120
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE OPTION:  
"T" IN TUBE  
"0" IN TRAY

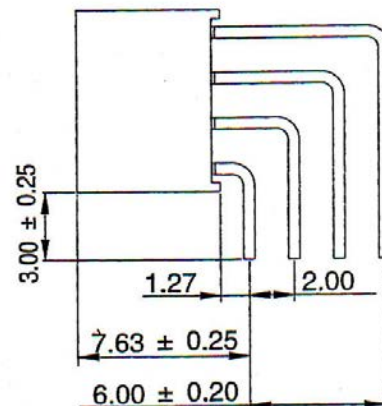
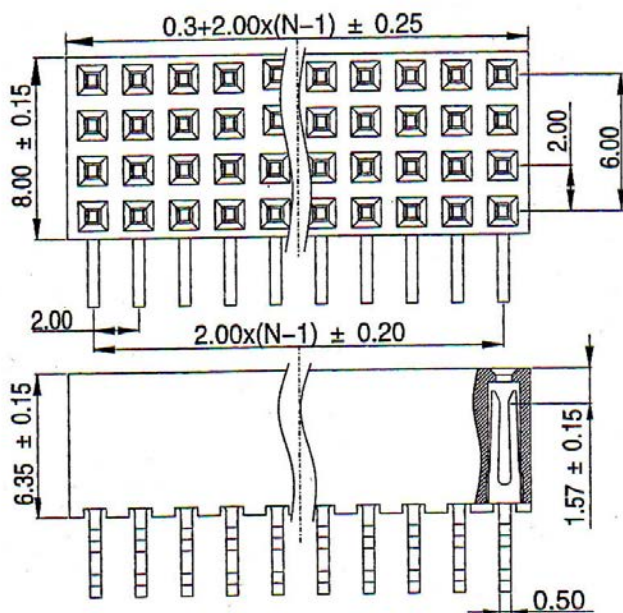
P/N	K01	K02	K03	K04	K05	K06	K07	K08
DIM.H	9.35	9.40	14.30	14.38	18.00	18.59	19.81	19.09
DIM.D	3.00	12.00	2.05	7.21	3.59	3.00	1.78	2.50



## 2.00MM(0.079") FEMALE HEADER RIGHT ANGLE TYPE PROFILE=6.35MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester, UL94V-0  
 Nylon-6T  
 Contacts: Phosphor Bronze  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 20  $\frac{N}{1} \frac{X}{2} \frac{X}{3} \frac{X}{3} B$

1. NO. OF ROWS:  
"N46" QUAD ROW RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
008 ~ 160 FOR QUAD ROW
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=7.1MM

### SPECIFICATIONS

**Rating Current:** 2 Amperes

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 500V AC

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to +105°C

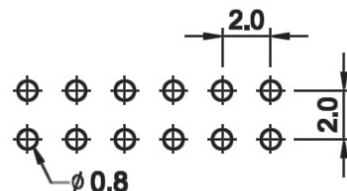
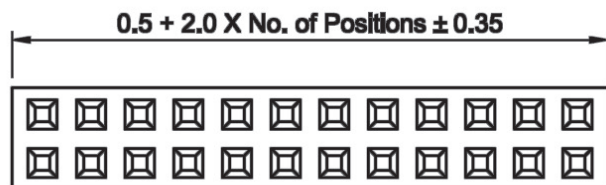
### MATERIALS

**Contact Material:** Phosphor Bronze

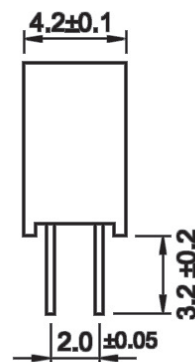
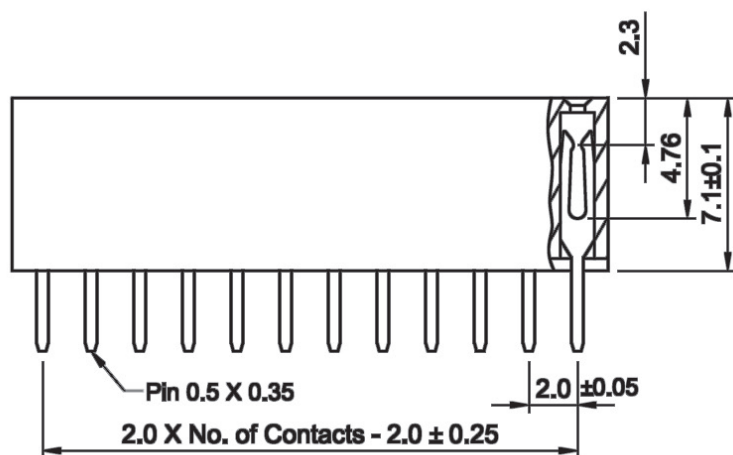
**Contact Plating:** Gold / Tin over Nickel

**Insulator:** Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

P/N 2 0 0  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$   $\frac{X}{3}$  B

#### 1. DIP LENGTH OPTION:

"GV" DIP= 3.2MM (STANDARD)

"HZ" DIP= 4.5MM

#### 2. NO. OF CONTACTS:

004~080

#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED



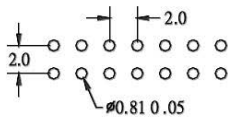
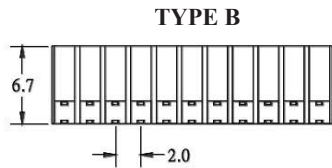
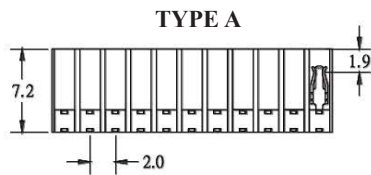
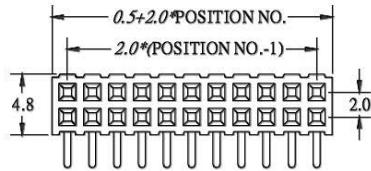
**2.00MM(0.079") FEMALE HEADER RIGHT ANGLE DIP TYPE  
PROFILE=7.20MM, 6.70MM & 4.30MM**

**SPECIFICATIONS**

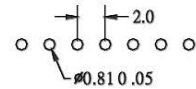
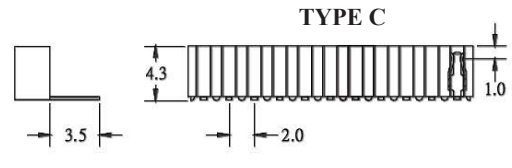
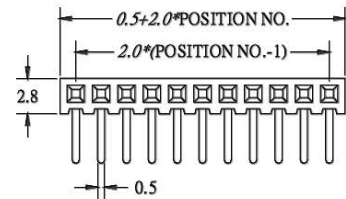
- Current Rating: 1 Amp
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 3000 MΩ Min.
- Dielectric Withstand: 500V AC For 1 Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: PBT, Glass Reinforced, UL94V-0
- Contacts: Phosphor Bronze
- All materials must be RoHS compliant.



Recommended P.C.Board Layout



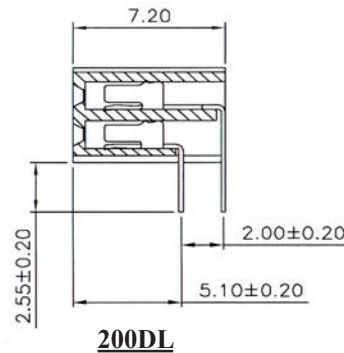
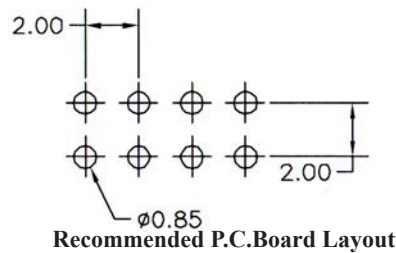
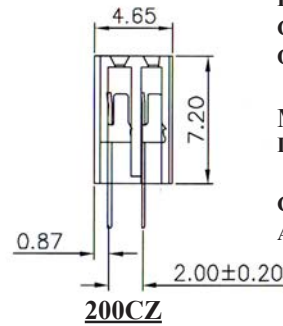
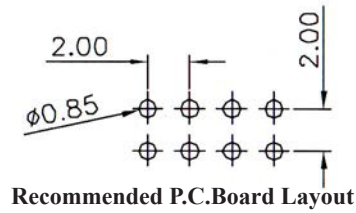
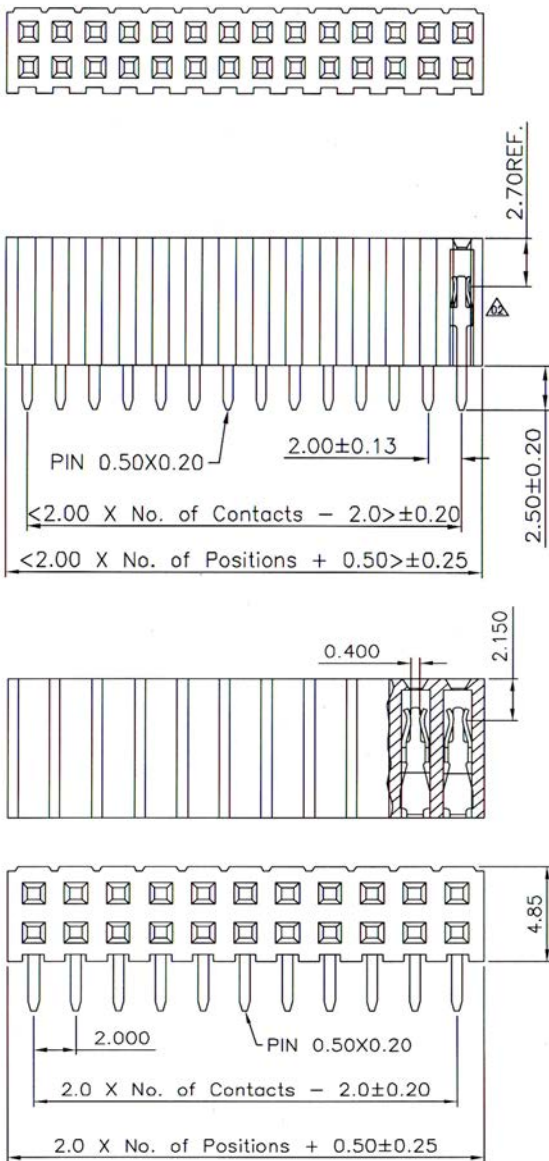
Recommended P.C.Board Layout

**ORDERING INFORMATION:**

**P/N 20  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$   $\frac{G}{3}$  B**

1. CONTACT TYPE:  
 "N53" DOUBLE ROW TYPE A (7.2MM)  
 "N54" DOUBLE ROW TYPE B (6.7MM)  
 "N55" SINGLE ROW TYPE C (4.3MM)
2. NO. OF CONTACTS:  
 002 ~ 040 FOR SINGLE ROW  
 004 ~ 080 FOR DOUBLE ROW
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED

## 2.00MM(0.079") FEMALE HEADER MULTI-MATING TYPE PROFILE=7.20MM



### SPECIFICATIONS

Current Rating: 2.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

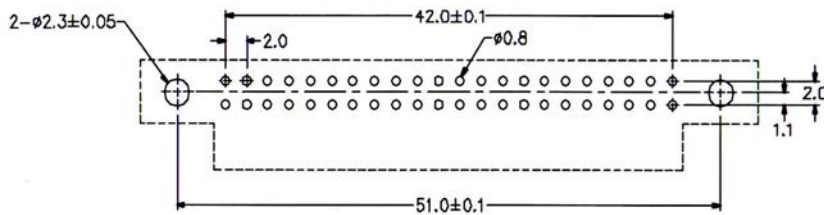
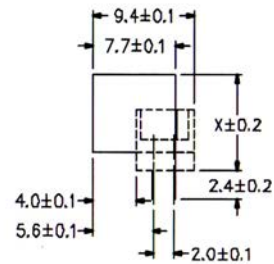
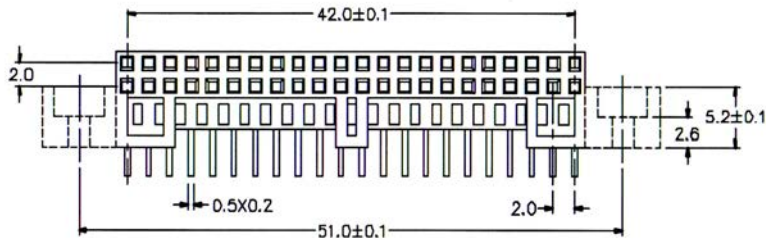
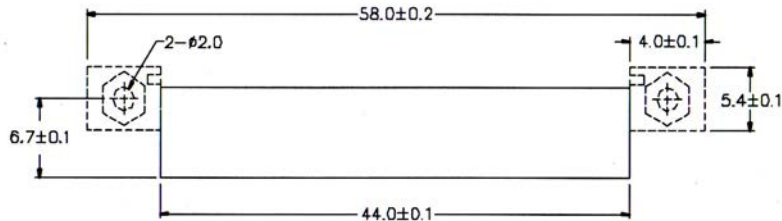
Insulator: Polyester, UL94V-0  
 Nylon-6T  
 Contacts: Phosphor Bronze  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

1. TERMINAL TYPE:  
 "CZ" STRAIGHT TYPE  
 "DL" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
 004 ~ 080
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=8.20MM/6.70MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

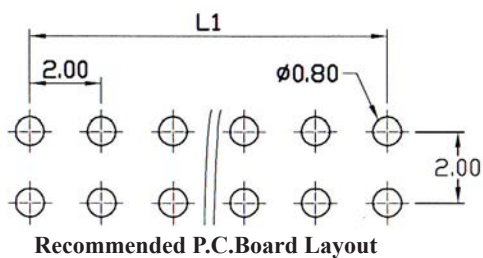
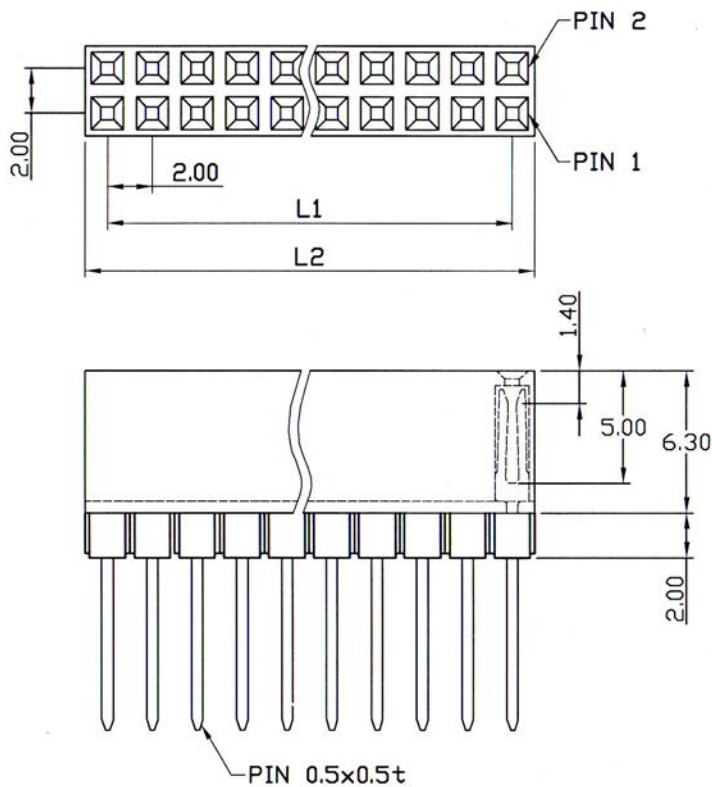
### ORDERING INFORMATION:

P/N 2 0 N X X - 0 4 4 X B  
          1          2          3

- PROFILE & MOUNTING EAR OPTION:  
"N69" X= 8.20mm WITH MOUNTING EARS  
"N70" X= 8.20mm W/O MOUNTING EARS  
"N71" X= 6.70mm W/O MOUNTING EARS
- NO. OF CONTACTS:  
044
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

NOTE: USED FOR NOTE BOOK COMPUTER HAND DISK

## 2.00MM(0.079") ELEVATED FEMALE HEADER PLASTIC HEIGHT=8.30MM

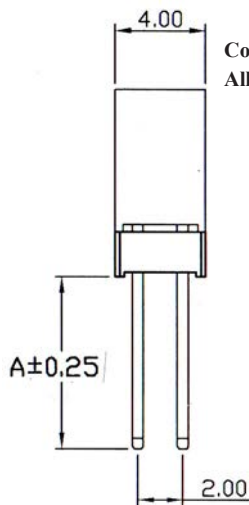


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**



**DIMENSIONS:**  
 L1 = 2.0 x No. of Contacts/Row - 2.0  
 L2 = 2.0 x No. of Contacts/Row

### ORDERING INFORMATION:

**P/N 2 0 0  $\frac{xx}{1}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B**

1. PIN LENGTH:  
 "AE" A= 2.90mm  
 "AF" A= 6.90mm  
 "AG" A= 12.60mm
2. NO. OF CONTACTS:  
 004 ~ 080
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "T" FULL TIN PLATED

## 2.00MM(0.079") ELEVATED FEMALE HEADER QUAD ROW STRAIGHT DIP TYPE PROFILE=9.35MM

### SPECIFICATIONS

Rating Current: 2 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

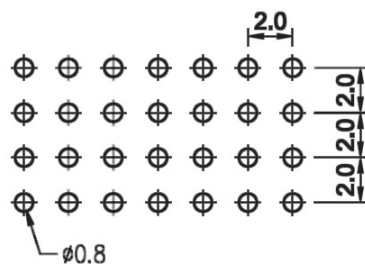
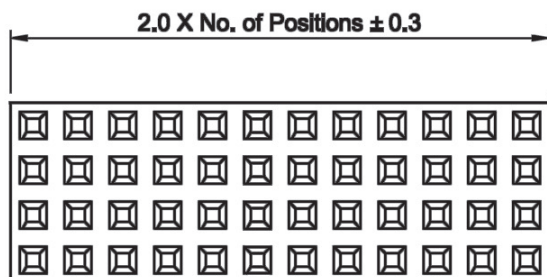
### MATERIALS

Contact Material: Phosphor Bronze

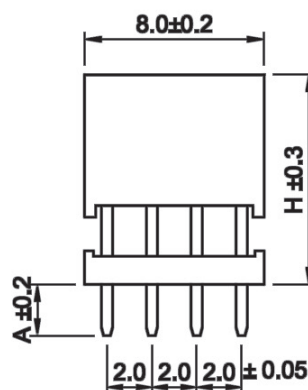
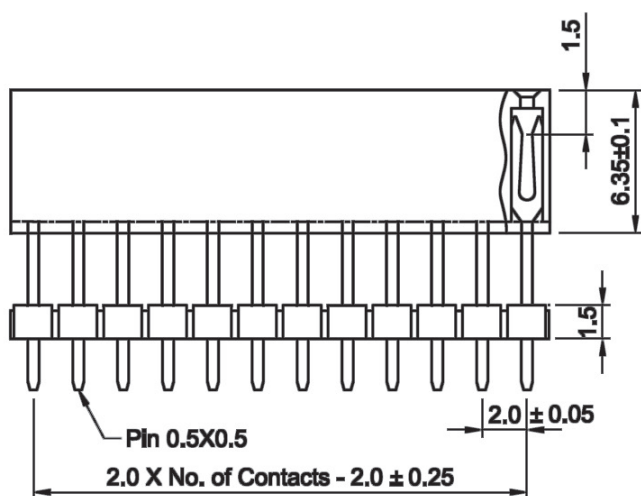
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)  
Nylon-6T

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

P/N 2 0 0 G H - x x x x B

1                    2                    3

#### 1. CONTACT TYPE:

"GH" QUAD ROW STRAIGHT TYPE H/A=9.35/2.28MM

"LQ" QUAD ROW STRAIGHT TYPE H/A=9.35/3.00MM

#### 2. NO. OF CONTACTS:

008~160

#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") FEMALE HEADER QUAD ROW STRAIGHT DIP TYPE PROFILE=9.35MM

### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000M $\Omega$  Min.

**Dielectric Withstanding:** 800V AC

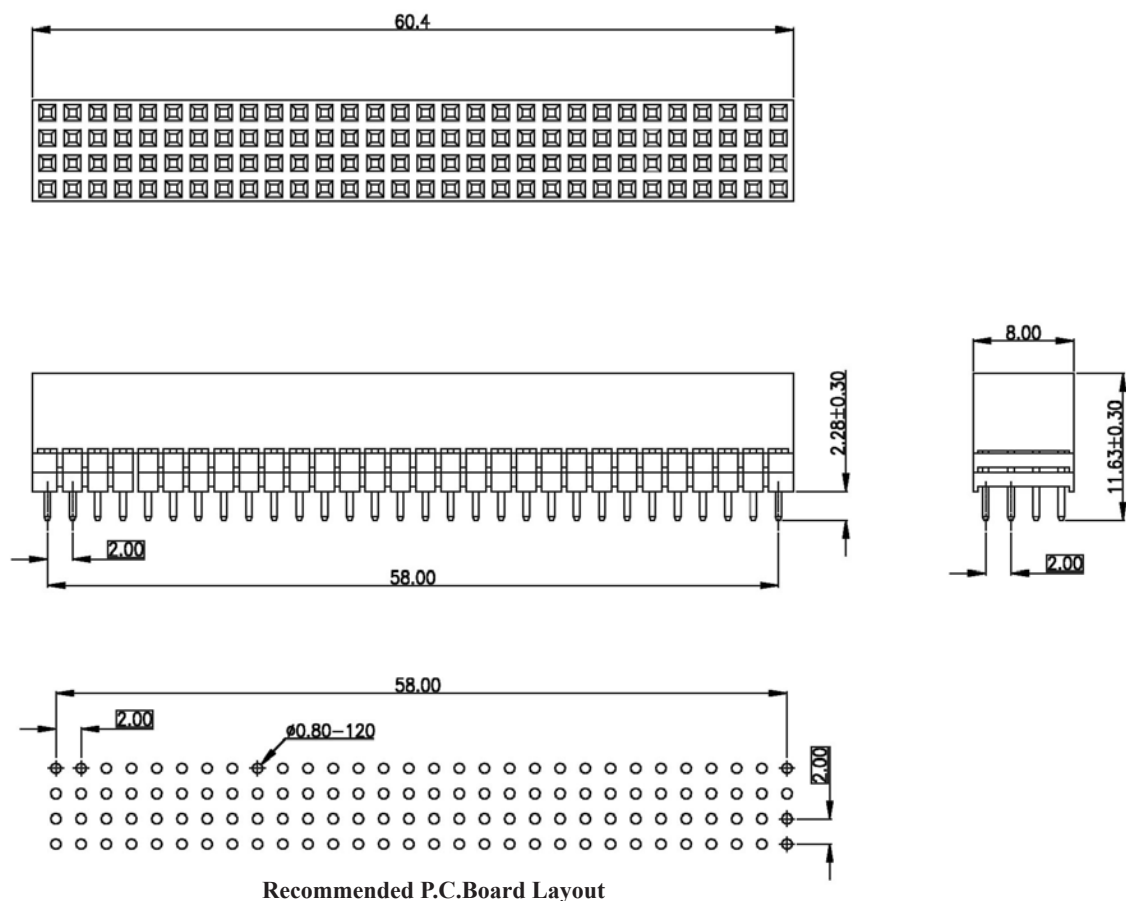
**Operating Temperature:** -55 $^{\circ}$ c to +105 $^{\circ}$ c

### MATERIALS

**Housing:** Thermoplastic (UL 94V-0), Black

**Terminal:** Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



### ORDERING INFORMATION:

P/N 20N91 -  $\frac{xxx}{1}$   $\frac{G}{2}$  B

1. NO. OF CONTACTS:

120

2. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM(0.079") FEMALE HEADER QUAD ROW STRAIGHT DIP TYPE PROFILE=9.35MM

### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

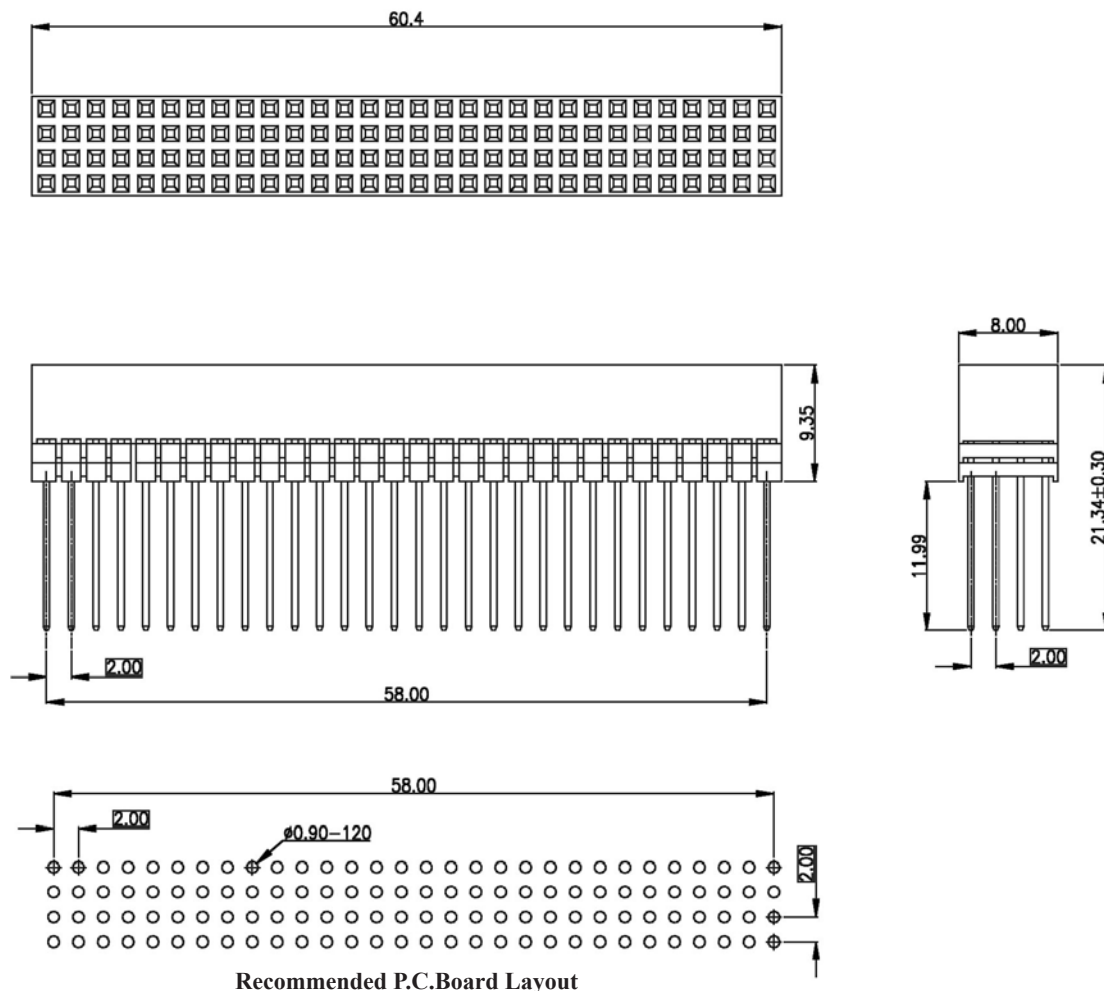
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Thermoplastic (UL 94V-0), Black

**Terminal:** Phosphor Bronze, Gold Plating

\* RoHS & REACH compliant.



### ORDERING INFORMATION:

P/N 20N92 -  $\frac{xxx}{1} \frac{GB}{2}$

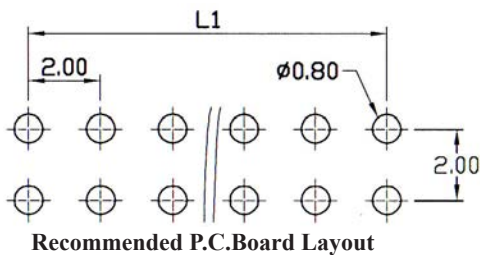
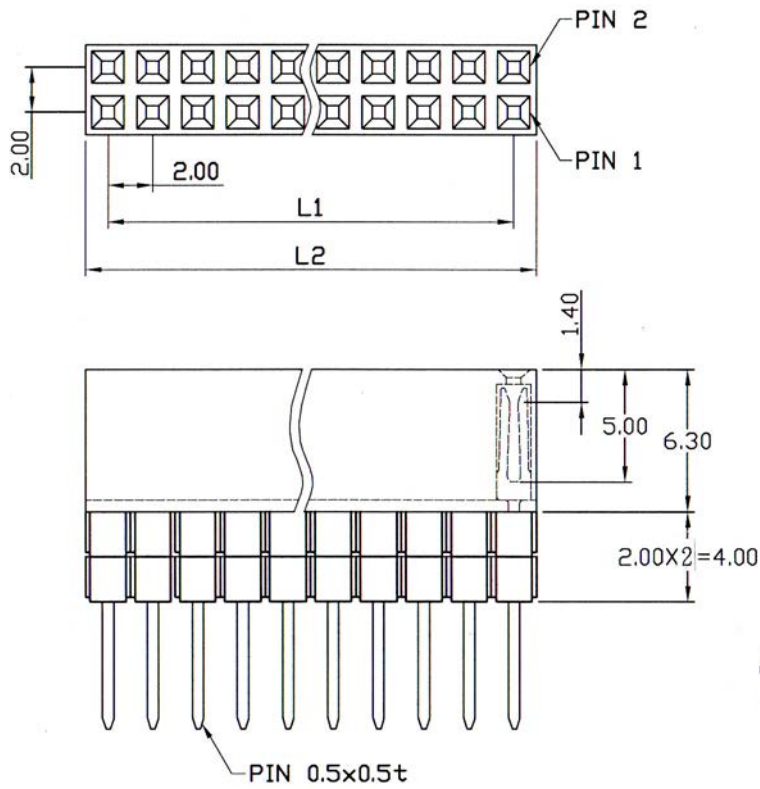
1. NO. OF CONTACTS:

120

2. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM(0.079") ELEVATED FEMALE HEADER PLASTIC HEIGHT=10.30MM

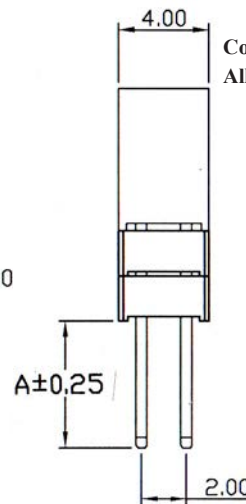


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**



**DIMENSIONS:**  
 L1 = 2.0 x No. of Contacts/Row - 2.0  
 L2 = 2.0 x No. of Contacts/Row

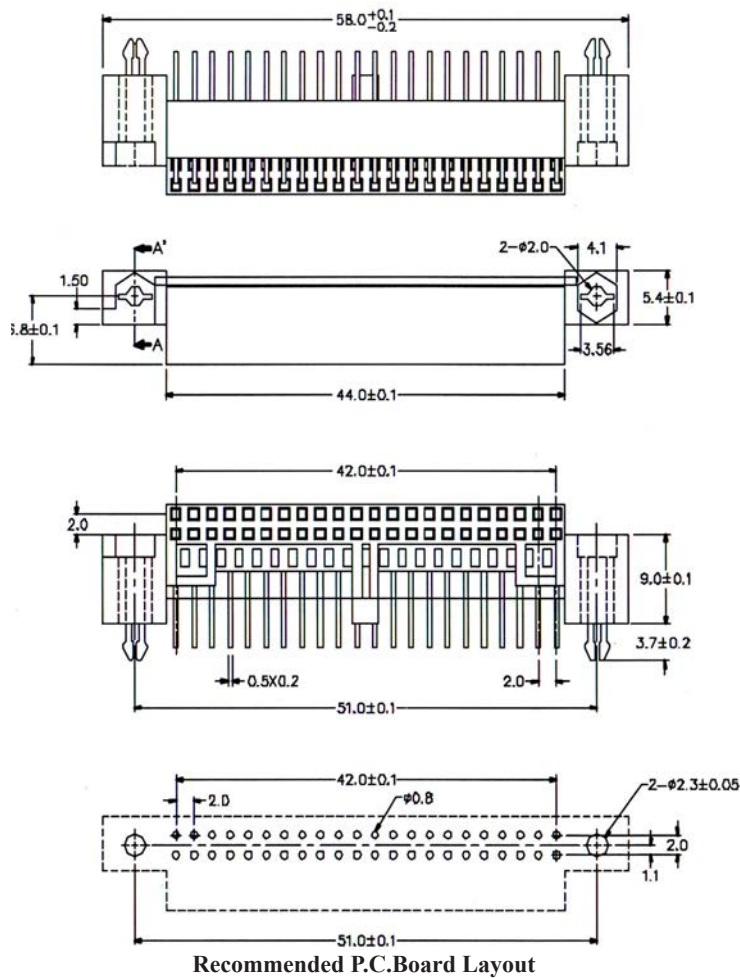
### ORDERING INFORMATION:

**P/N 2 0 0  $\frac{xx}{1}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B**

1. PIN LENGTH:  
 "AH" A= 4.90mm  
 "BX" A= 12.20mm  
 "AJ" A= 10.60mm
2. NO. OF CONTACTS:  
 004 ~ 080
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "T" FULL TIN PLATED



## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=12.00MM

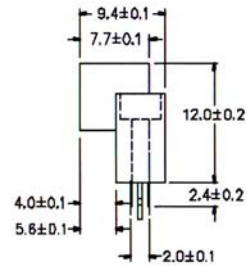


### SPECIFICATIONS

Current Rating: 2.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



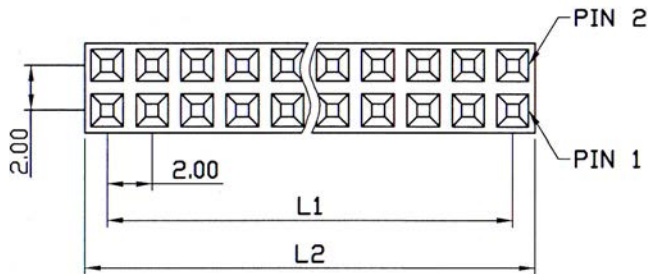
### ORDERING INFORMATION:

P/N 2 0 N72 - 0 4 4 x B

1. CONNECTOR TYPE:  
"N72" PROFILE=12.0mm WITH MOUNTING EARS
2. NO. OF CONTACTS:  
044
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

NOTE: USED FOR NOTE BOOK COMPUTER HAND DISK

## 2.00MM(0.079") ELEVATED FEMALE HEADER PLASTIC HEIGHT=12.30MM

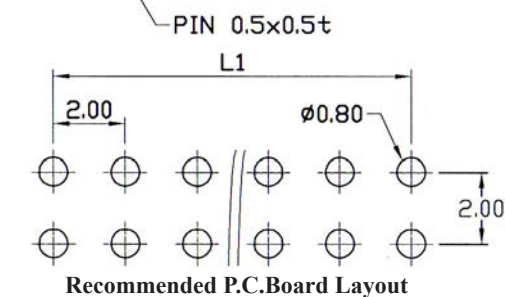
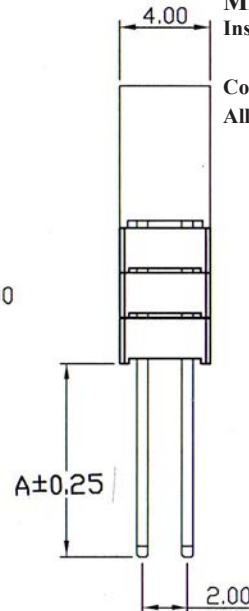
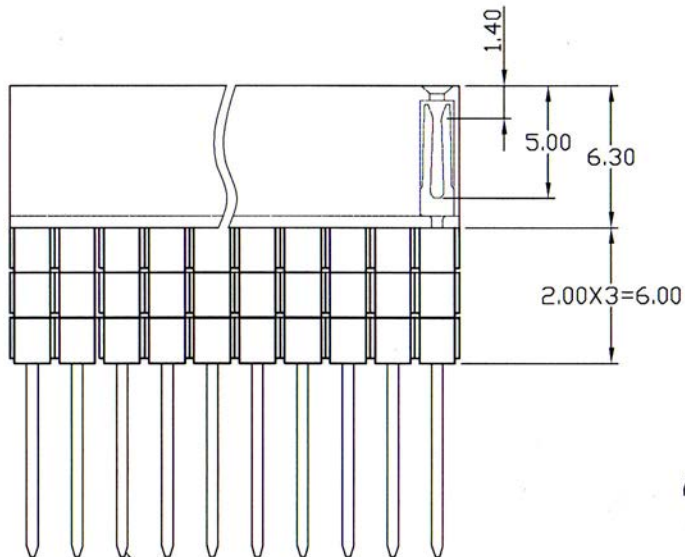


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**



### DIMENSIONS:

L1 = 2.0 x No. of Contacts/Row - 2.0  
 L2 = 2.0 x No. of Contacts/Row

### ORDERING INFORMATION:

P/N 200  $\frac{xx}{1}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B

#### 1. PIN LENGTH:

"AK" A = 2.90mm

"AL" A = 8.60mm

#### 2. NO. OF CONTACTS:

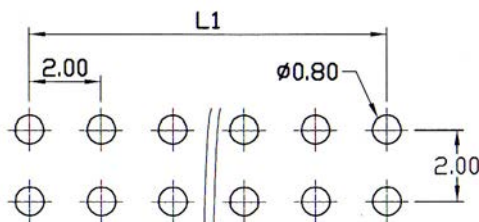
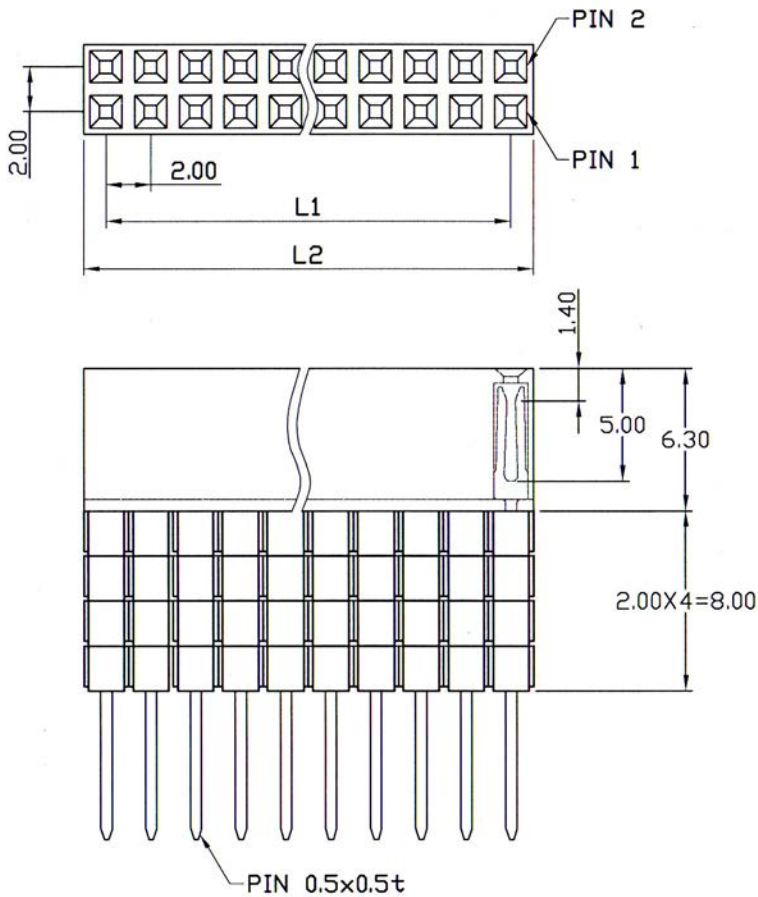
004 ~ 080

#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") ELEVATED FEMALE HEADER PLASTIC HEIGHT=14.30MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

Operating Temperature: -40°C to + 105°C

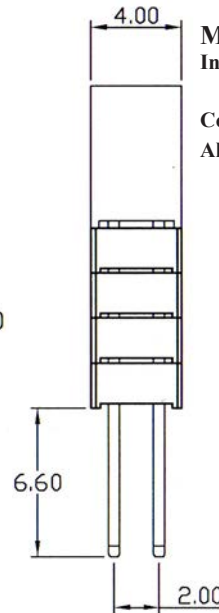
### MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.



### DIMENSIONS:

L1 = 2.0 x No. of Contacts/Row - 2.0

L2 = 2.0 x No. of Contacts/Row

### ORDERING INFORMATION:

P/N 200  $\frac{X}{1}$  -  $\frac{X}{2}$   $\frac{X}{3}$  B

1. PIN LENGTH:

"AM" A= 6.60mm

2. NO. OF CONTACTS:

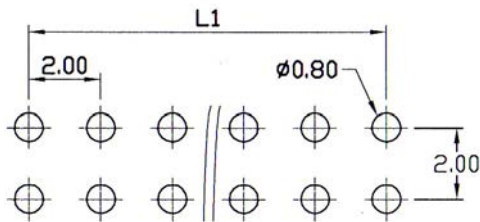
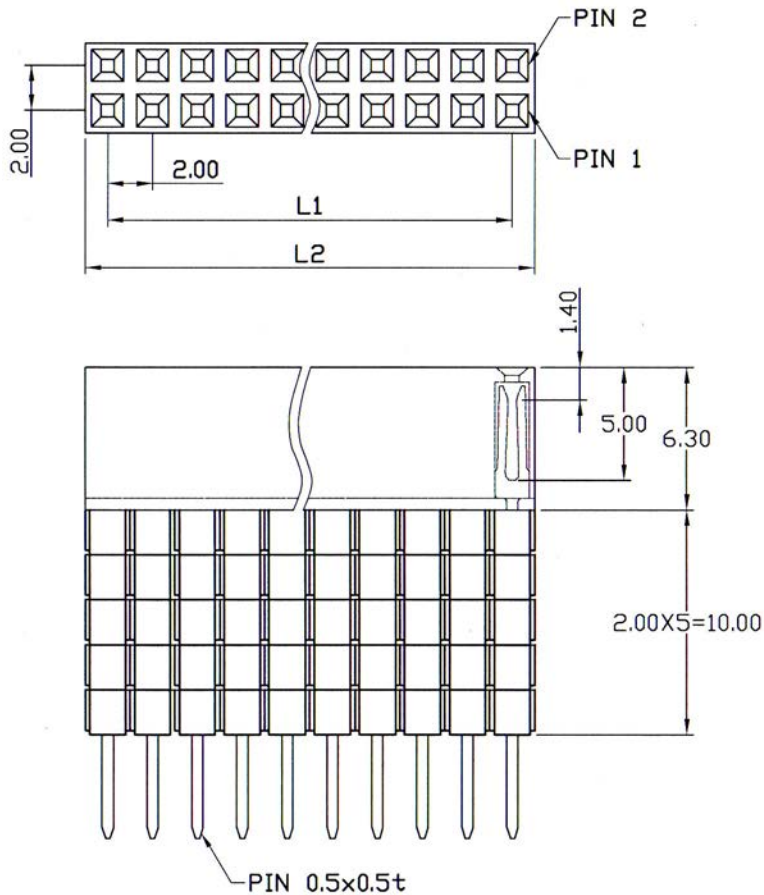
004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") ELEVATED FEMALE HEADER PLASTIC HEIGHT=16.30MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

Operating Temperature: -40°C to + 105°C

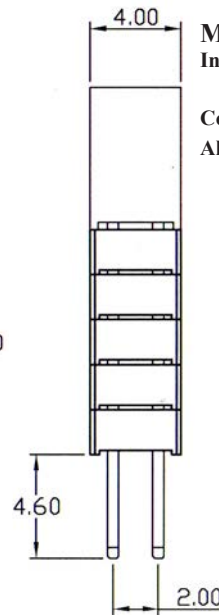
### MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.



### DIMENSIONS:

L1 = 2.0 x No. of Contacts/Row - 2.0

L2 = 2.0 x No. of Contacts/Row

### ORDERING INFORMATION:

P/N 200  $\frac{X}{1}$  -  $\frac{X}{2}$   $\frac{X}{3}$  B

1. PIN LENGTH:

"AN" A= 4.60mm

2. NO. OF CONTACTS:

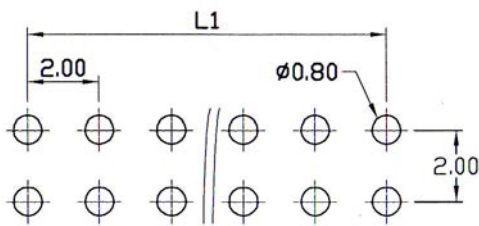
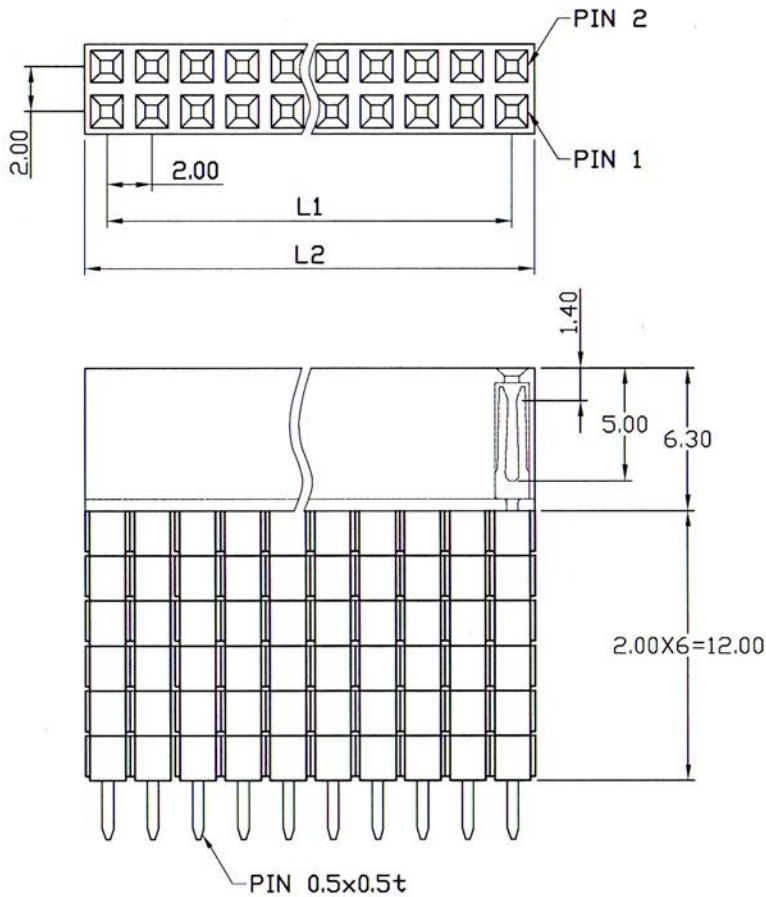
004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") ELEVATED FEMALE HEADER PLASTIC HEIGHT=18.30MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

Operating Temperature: -40°C to +105°C

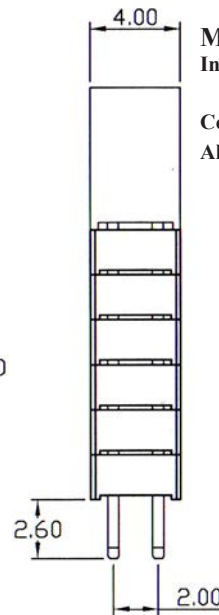
### MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.



### DIMENSIONS:

L1 = 2.0 x No. of Contacts/Row - 2.0

L2 = 2.0 x No. of Contacts/Row

### ORDERING INFORMATION:

P/N 200  $\frac{X}{1}$  -  $\frac{X}{2}$   $\frac{X}{3}$  B

1. PIN LENGTH:

"AP" A= 2.60mm

2. NO. OF CONTACTS:

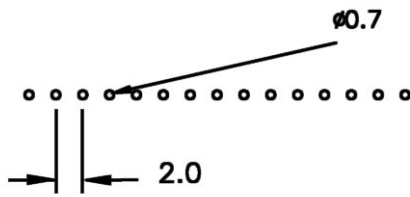
004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE



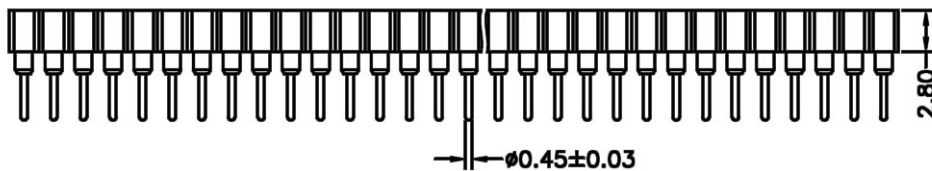
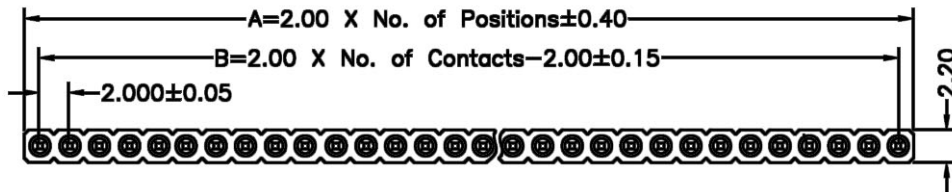
Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 3.0 A  
 Voltage Rating: 60V AC/DC  
 Contact Resistance: 4m $\Omega$  Max.  
 Insulator Resistance: 1000M $\Omega$  Min.  
 Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: Glass Filled Thermoplastic  
 Polyester UL94V-0, Black  
 Pin: Brass, Machined CuZn38Pb2  
 Clip: Beryllium Copper  
 All materials must be RoHS compliant.



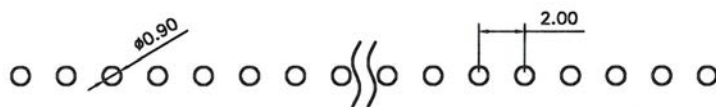
### ORDERING INFORMATION:

P/N **20 M99** -  $\frac{x}{1} \frac{x}{2} \frac{x}{3} B$

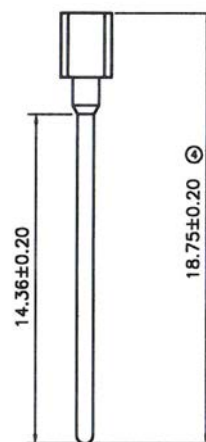
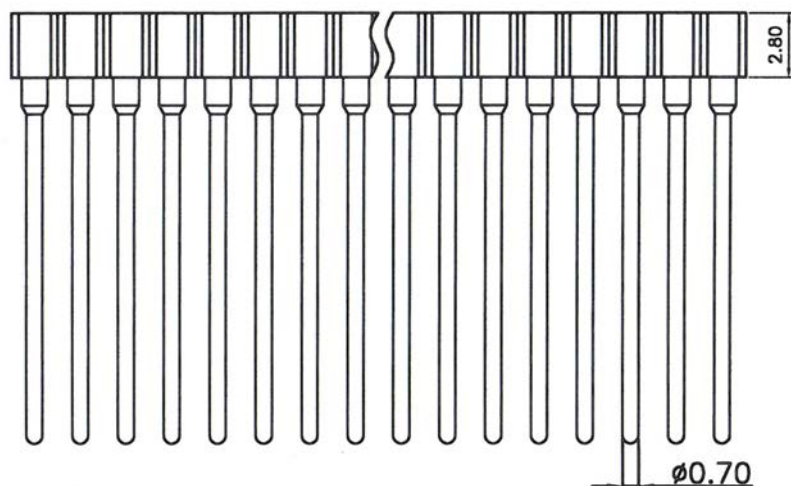
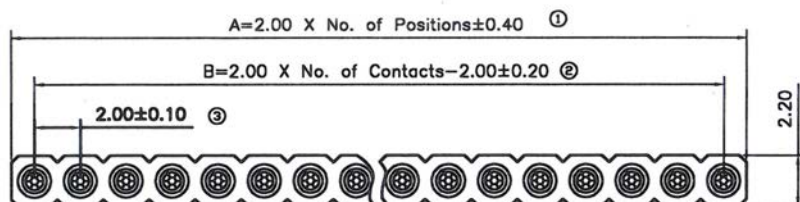
1. CONTACT TYPE:  
"M99" WITH 6 FINGER CLIPS
2. NO. OF CONTACTS:  
002 ~ 040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH  $\phi 0.43\text{MM} \sim 0.50\text{MM}$   
 ROUND PINS

## 2.00MM(0.079") SIP SOCKET WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 3.0 A  
Voltage Rating: 60V AC/DC  
Contact Resistance: 4mΩ Max.  
Insulator Resistance: 1000MΩ Min.  
Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: PPS UL94V-0, Black  
Pin: Brass, Machined CuZn38Pb2  
Clip: Beryllium Copper  
All materials must be RoHS compliant.

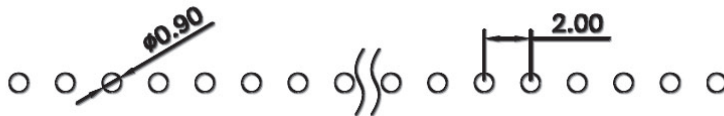
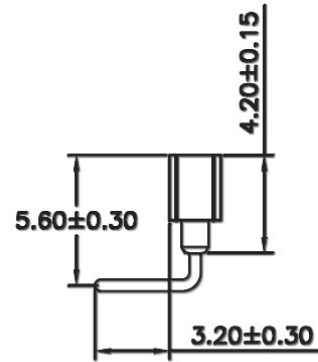
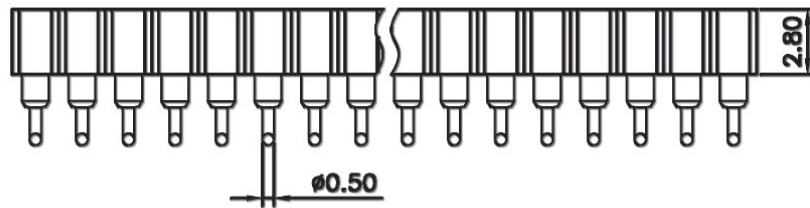
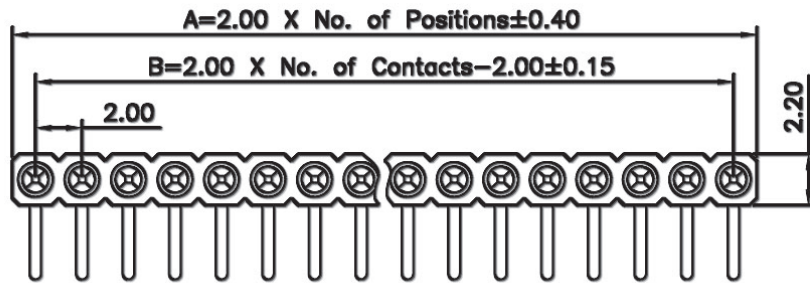
### ORDERING INFORMATION:

P/N **2 0 N 0 3 - x x x x B**  
          1      2      3

1. CONTACT TYPE:  
"N03" WITH 6 FINGER CLIPS
2. NO. OF CONTACTS:  
002 ~ 040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.43MM ~ 0.50MM  
ROUND PINS

**2.00MM(0.079") SIP SOCKET WITH SCREW MACHINED CONTACTS  
SINGLE ROW RIGHT ANGLE DIP TYPE**



Recommended P.C.Board Layout

**SPECIFICATIONS**

- Current Rating: 3.0 A
- Voltage Rating: 60V AC/DC
- Contact Resistance: 4mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: PPS UL94V-0, Black
- Pin: Brass, Machined CuZn38Pb2
- Clip: Beryllium Copper
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

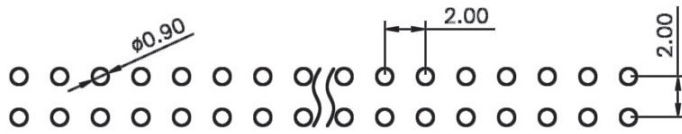
**P/N 2 0 N 0 1 - x x x x B**  
1 2 3

1. CONTACT TYPE:  
"N01" WITH 6 FINGER CLIPS
2. NO. OF CONTACTS:  
002 ~ 040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.43MM ~ 0.50MM  
ROUND PINS



## 2.00MM(0.079") SIP SOCKET WITH SCREW MACHINED CONTACTS DOUBLE ROW STRAIGHT DIP TYPE



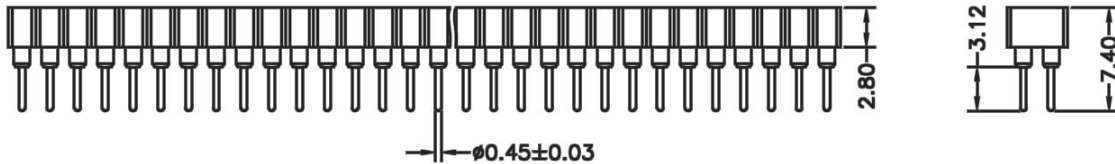
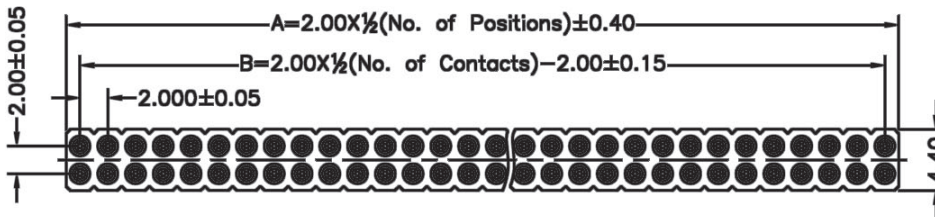
Recommended P.C.Board Layout

### SPECIFICATIONS

- Current Rating: 3.0 A
- Voltage Rating: 60V AC/DC
- Contact Resistance: 4mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Operating Temperature: -40°C to +105°C

### MATERIALS

- Insulator: Glass Filled Thermoplastic Polyester UL94V-0, Black
- Pin: Brass, Machined CuZn38Pb2
- Clip: Beryllium Copper
- All materials must be RoHS compliant.



### ORDERING INFORMATION:

P/N **20** **N00** - **x** **x** **x** **x** **B**

1                    2                    3

1. CONTACT TYPE:  
"N00" WITH 6 FINGER CLIPS
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH Ø0.43MM ~ 0.50MM  
ROUND PINS

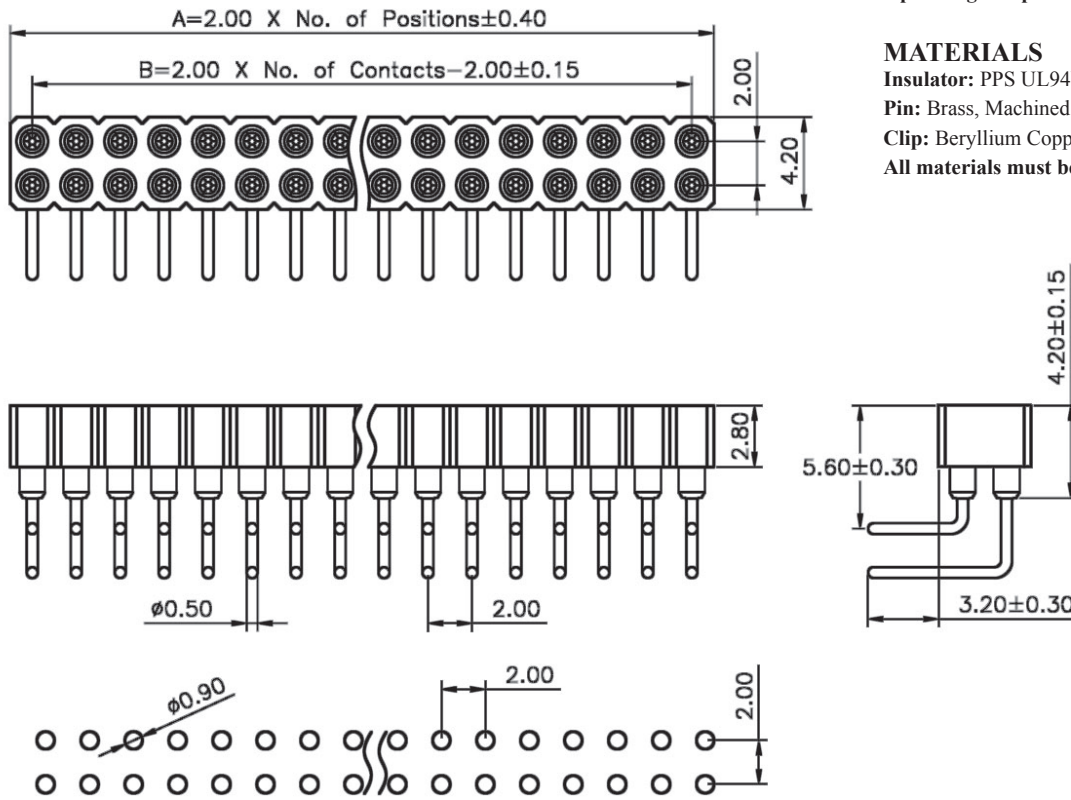
# 2.00MM(0.079") SIP SOCKET WITH SCREW MACHINED CONTACTS DOUBLE ROW RIGHT ANGLE DIP TYPE

## SPECIFICATIONS

- Current Rating: 3.0 A
- Voltage Rating: 60V AC/DC
- Contact Resistance: 4mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Operating Temperature: -40°C to +105°C

## MATERIALS

- Insulator: PPS UL94V-0, Black
- Pin: Brass, Machined CuZn38Pb2
- Clip: Beryllium Copper
- All materials must be RoHS compliant.



Recommended P.C.Board Layout

## ORDERING INFORMATION:

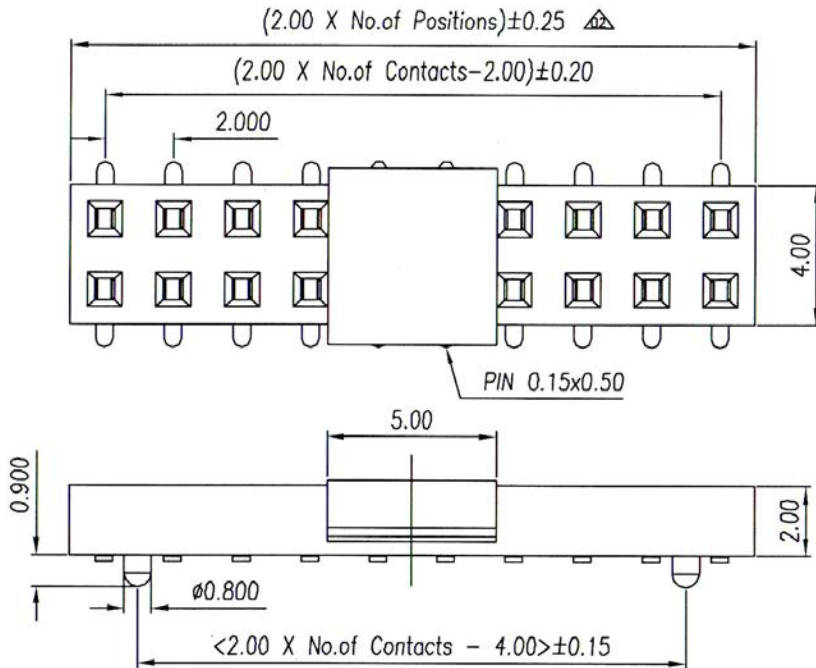
P/N 2 0 N02 - x x x x B

1                    2                    3

1. CONTACT TYPE:  
"N02" WITH 6 FINGER CLIPS
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED (STANDARD)

NOTE: MATES WITH  $\phi 0.43\text{MM} \sim 0.50\text{MM}$   
ROUND PINS

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM

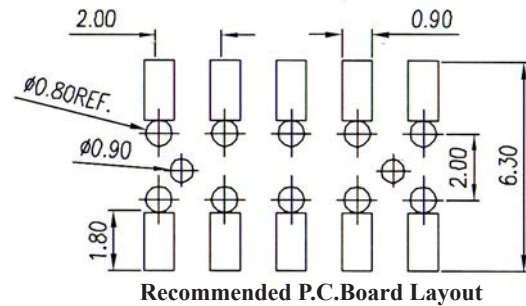
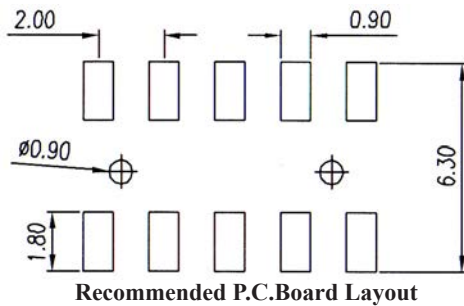
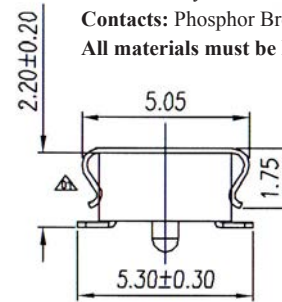


### SPECIFICATIONS

**Current Rating:** 2.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Polyester, UL94V-0  
 Nylon-6T  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**

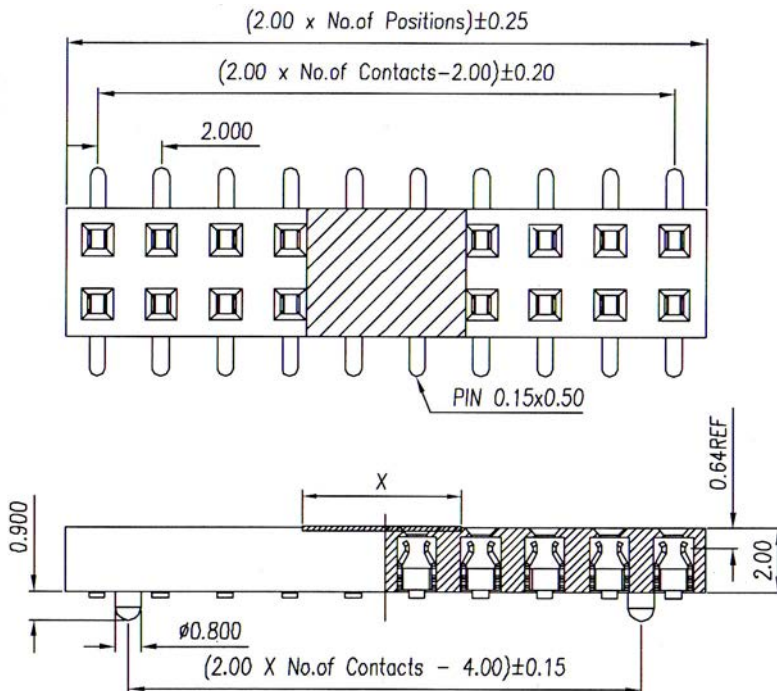


### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. LOCATING PEG OPTION:<br/>"VE" W/O LOCATING PEG<br/>"VF" WITH LOCATING PEG</li> <li>2. NO. OF CONTACTS:<br/>006 ~ 080</li> <li>3. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ol> | <ol style="list-style-type: none"> <li>4. FILM, PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL<br/>"F" WITH FILM IN TUBE<br/>"G" WITH FILM IN TAPE &amp; REEL</li> </ol> <p>NOTE: PAD = PICK &amp; PLACE PAD</p> |
|--|--|

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM

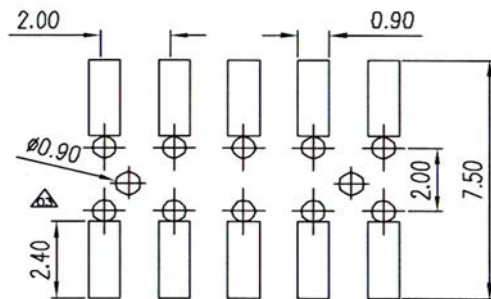
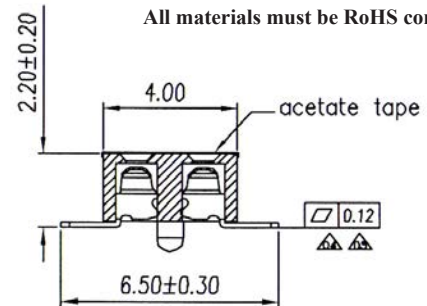


### SPECIFICATIONS

**Current Rating:** 2.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Polyester, UL94V-0  
 Nylon-6T  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

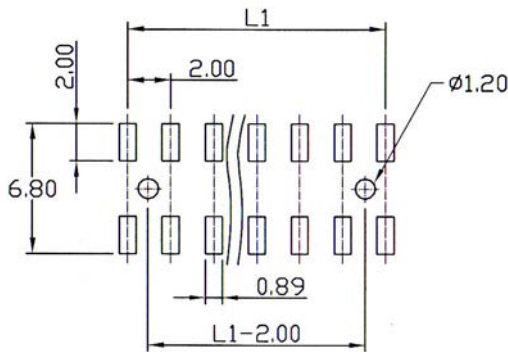
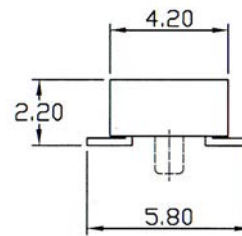
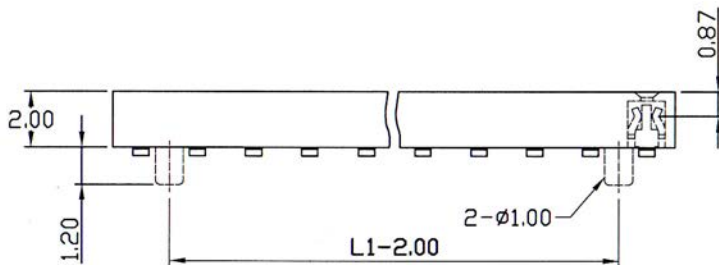
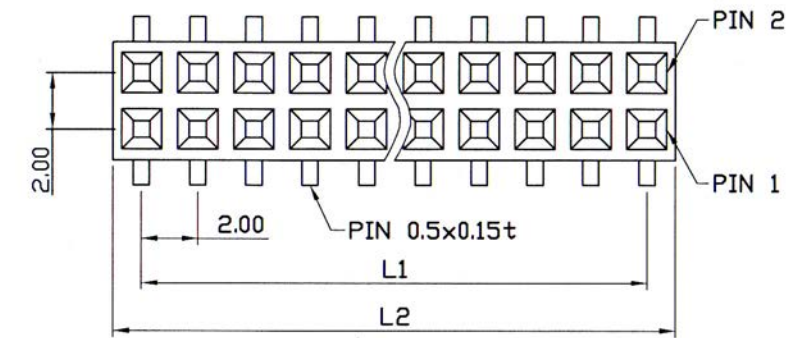
### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. LOCATING PEG OPTION:<br/>"VG" W/O LOCATING PEG<br/>"VH" WITH LOCATING PEG</li> <li>2. NO. OF CONTACTS:<br/>006 ~ 080</li> <li>3. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ol> | <ol style="list-style-type: none"> <li>4. FILM, PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL<br/>"F" WITH FILM IN TUBE<br/>"G" WITH FILM IN TAPE &amp; REEL</li> </ol> |
|--|--|

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 25mΩ Max.  
 Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: Polyester, UL94V-0  
 Nylon-6T  
 Contacts: Phosphor Bronze  
 All materials must be RoHS compliant.

### DIMENSIONS:

L1 = 2.0 x (No. of Contacts/Row-1)  
 L2 = 2.0 x No. of Contacts/Row

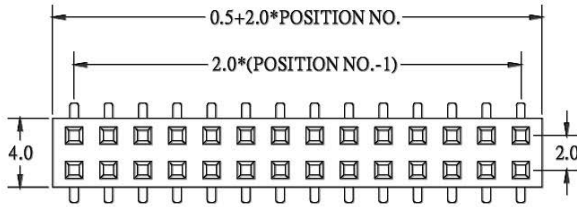
### ORDERING INFORMATION:

P/N 20  $\frac{N}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4} B - \frac{x}{4}$

- LOCATING PEG OPTION:  
 "N56" WITH LOCATING PEG  
 "N57" WITHOUT LOCATING PEG
- NO. OF CONTACTS:  
 006 ~ 080
- CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "T" FULL TIN PLATED
- FILM, PAD & PACKAGE OPTION:  
 "T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM

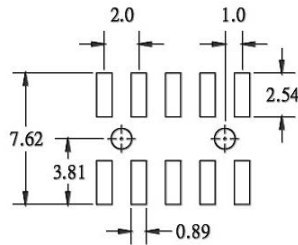
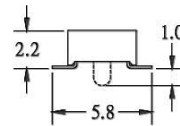
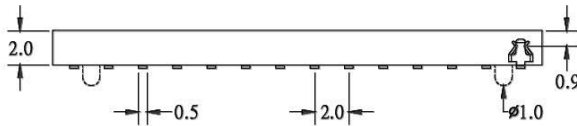


### SPECIFICATIONS

**Current Rating:** 1 Amp  
**Contact Resistance:** 30mΩ Max.  
**Insulator Resistance:** 3000 MΩ Min.  
**Dielectric Withstand:** 500V AC For 1 Min.  
**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** LCP, Glass Reinforced, UL94V-0  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

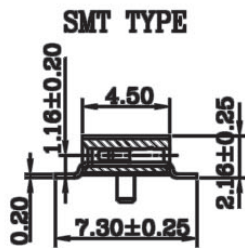
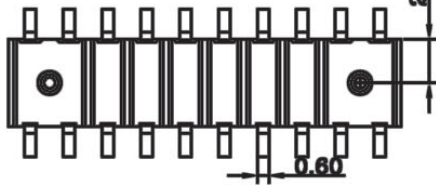
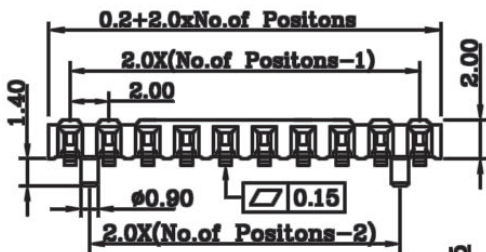
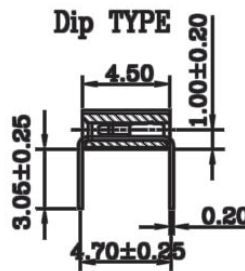
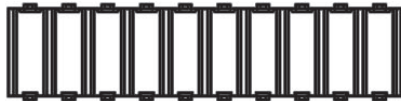
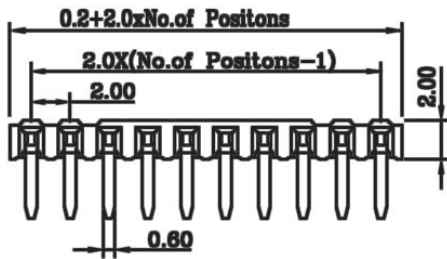
### ORDERING INFORMATION:

P/N 20  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$   $\frac{G}{3}$  B -  $\frac{X}{4}$

1. LOCATING PEG OPTION:  
 "H47" WITHOUT LOCATING PEGS  
 "H48" WITH LOCATING PEGS
2. NO. OF CONTACTS:  
 004 ~ 080
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED
4. PAD & PACKAGE OPTION:  
 "T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM (0.079") FEMALE HEADER SINGLE ROW SIDE ENTRY TYPE ROFILE=2.00MM

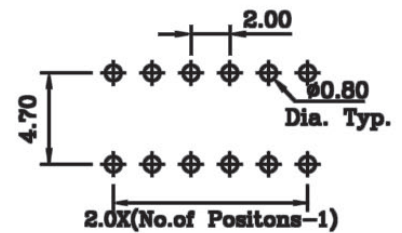


### SPECIFICATIONS

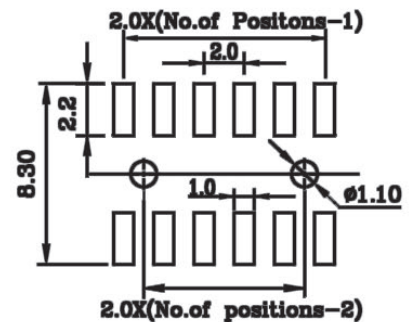
Current Rating: 1.0 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 1000MΩ Min.  
 Dielectric Strength: 500V AC Min.  
 Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: High Temperature Thermoplastic, UL94V-0  
 Contact: Phosphor Bronze  
 All materials must be RoHS compliant.



Recommended P.C. Board Layout  
(Dip Type)



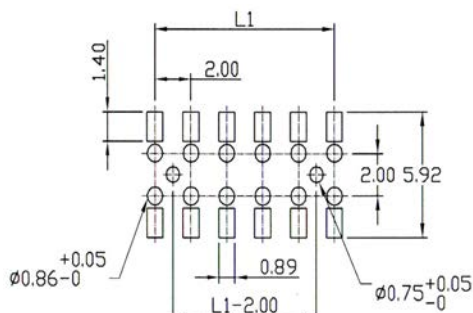
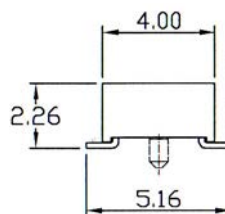
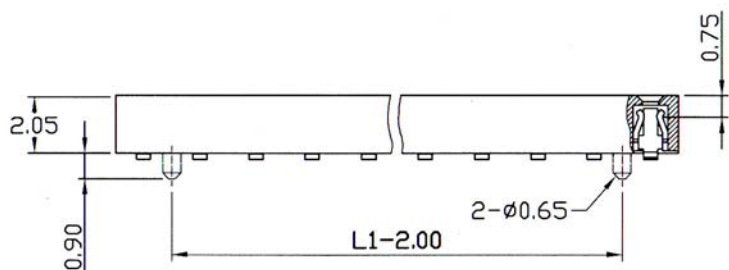
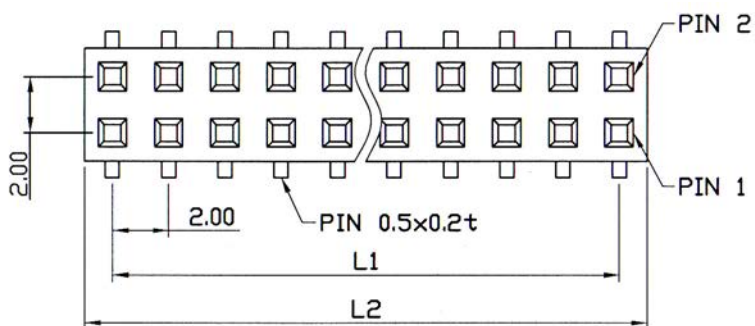
Recommended P.C. Board Layout  
(SMT Type)

### ORDERING INFORMATION:

P/N 20  $\frac{1}{X X X}$  -  $\frac{2}{X X X}$  B -  $\frac{3}{X}$

- CONTACT TYPE:  
 "K16" DIP TYPE  
 "K17" SMT TYPE WITH LOCATING PEGS  
 "K18" SMT TYPE WITHOUT LOCATING PEGS
- NO. OF CONTACTS:  
 002 ~ 030 FOR DIP TYPE  
 002 ~ 020 FOR SMT TYPE
- CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED
- PACKAGE OPTION: (FOR SMT TYPE ONLY)  
 "T" W/O PAD IN TUBE  
 "R" W/O PAD IN TAPE & REEL

## 2.00MM(0.079") FEMALE HEADER DUAL ENTRY SMT TYPE PROFILE=2.05MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 25mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 Nylon-6T  
 Contacts: Phosphor Bronze  
 All materials must be RoHS compliant.

### DIMENSIONS:

L1 = 2.0 x No. of Contacts/Row - 2.0  
 L2 = 2.0 x No. of Contacts/Row

### ORDERING INFORMATION:

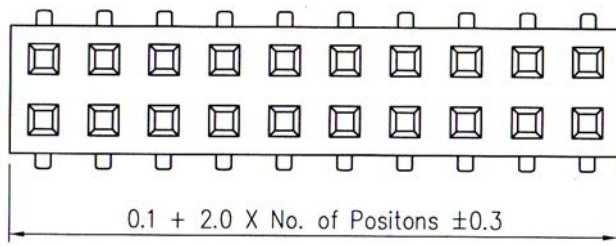
P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

1. LOCATING PEG OPTION:  
 "CR" W/O LOCATING PEG  
 "CS" WITH LOCATING PEG
2. NO. OF CONTACTS:  
 004 ~ 080
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
 "T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD



## 2.00MM(0.079") FEMALE HEADER TOP ENTRY SMT TYPE PROFILE=2.20MM

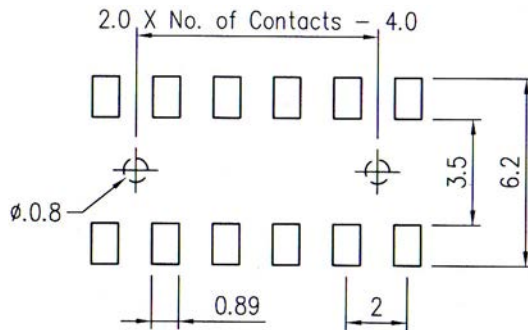
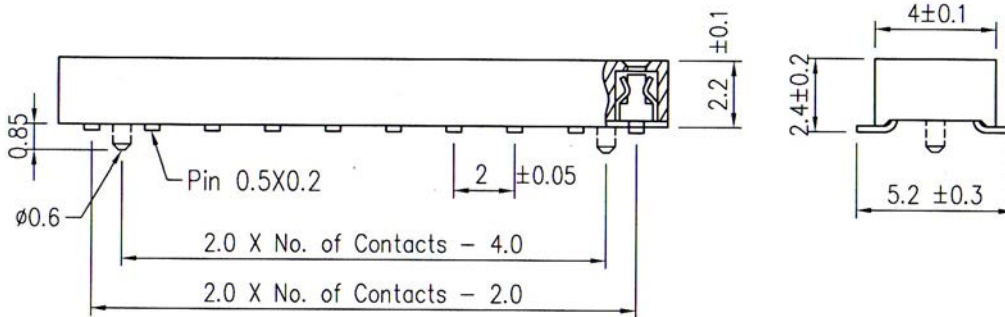


### SPECIFICATIONS

Current Rating: 2.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester, UL94V-0  
 Nylon-6T  
 Contacts: Phosphor Bronze  
 All materials must be RoHS compliant.



Recommended P.C.Board Layout

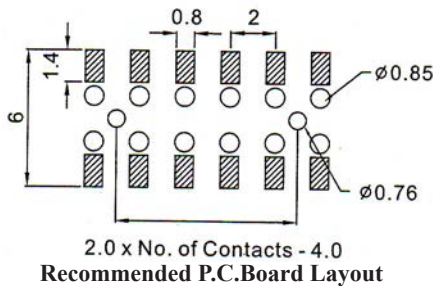
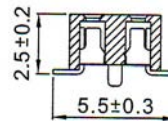
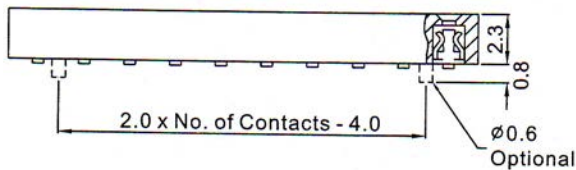
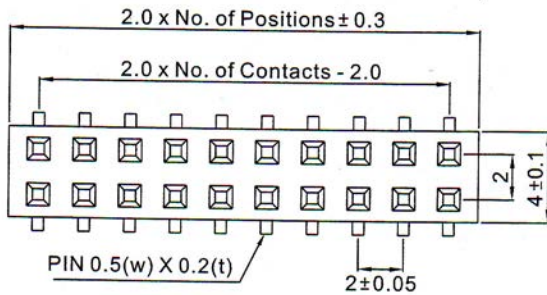
### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

1. LOCATING PEG OPTION:  
 "DY" W/O LOCATING PEG  
 "DZ" WITH LOCATING PEG
2. NO. OF CONTACTS:  
 006 ~ 080
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
 "T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER DUAL ENTRY SMT TYPE PROFILE=2.30MM



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 5000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to + 105°C

**Max Process Temp:** 230°C for 30~60 sec.  
(260°C for 10 sec.)

### MATERIALS

**Insulator:** Polyester, UL94V-0

Nylon-6T

**Contacts:** Phosphor Bronze

All materials must be RoHS compliant.

### ORDERING INFORMATION:

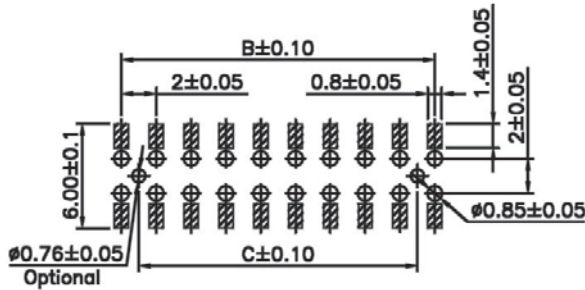
P/N 20  $\frac{P}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4} B - \frac{x}{4}$

1. LOCATING PEG OPTION:  
"P01" W/O LOCATING PEG  
"P06" WITH LOCATING PEG
2. NO. OF CONTACTS:  
006 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

4. PAD, FILM & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL  
"F" WITH FILM IN TUBE  
"G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.30MM



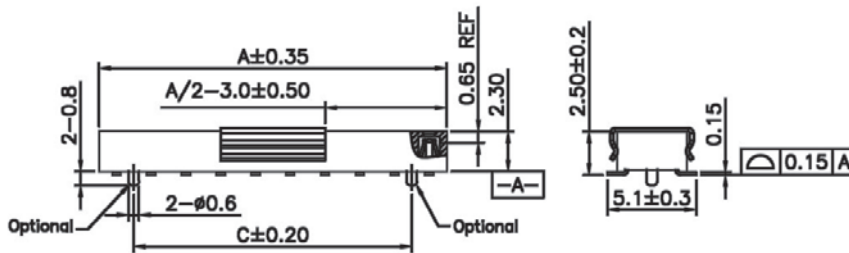
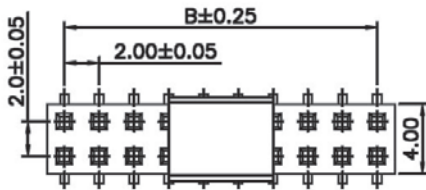
Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 2.0 A  
 Voltage Rating: 150V AC/DC  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 1000MΩ Min.  
 Withstanding Voltage: 500V AC/Min.  
 Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: LCP UL94V-0, Black  
 Contact: Phosphor Bronze  
 All materials must be RoHS compliant.



$$A = B + 2.00$$

$$B = 2.00 \times (\text{NO. OF CONTACTS / ROW} - 1)$$

$$C = B - 2.00$$

### ORDERING INFORMATION:

P/N 20  $\frac{1}{\text{X}}$   $\frac{2}{\text{X}}$   $\frac{3}{\text{X}}$  B -  $\frac{4}{\text{X}}$

- LOCATING PEG OPTION:  
 "H81" WITHOUT LOCATING PEGS  
 "H82" WITH LOCATING PEGS
- NO. OF CONTACTS:  
 004 ~ 080
- CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

- PAD & PACKAGE OPTION:  
 "T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL  
 "F" WITH FILM IN TUBE  
 "G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=2.60MM

### SPECIFICATIONS

**Current Rating:** 1 Amp

**Contact Resistance:** 30mΩ Max.

**Insulator Resistance:** 1000 MΩ Min.

**Dielectric Withstand:** 500V AC For 1 Min.

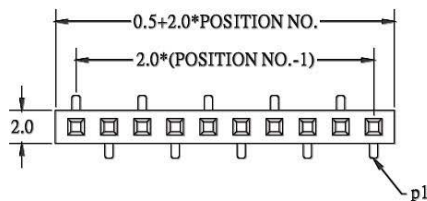
**Operating Temperature:** -40°C to +105°C

### MATERIALS

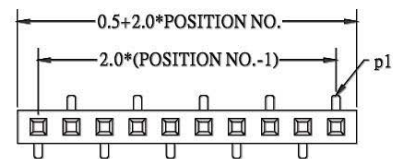
**Insulator:** LCP, Glass Reinforced, UL94V-0

**Contacts:** Phosphor Bronze

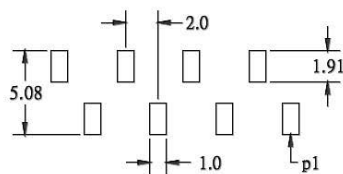
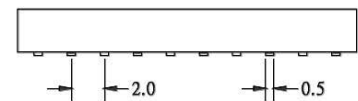
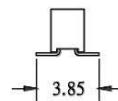
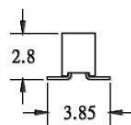
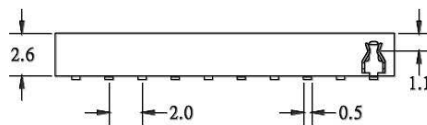
**All materials must be RoHS compliant.**



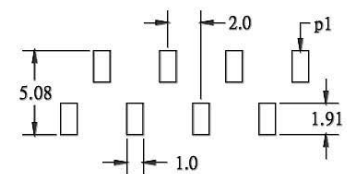
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20  $\frac{xxx}{1}$  -  $\frac{xxxx}{2}$   $\frac{x}{3}$  B -  $\frac{x}{4}$

1. PCB LAYOUT TYPE:

"H01" TYPE A

"H02" TYPE B

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

4. PAD & PACKAGE OPTION:

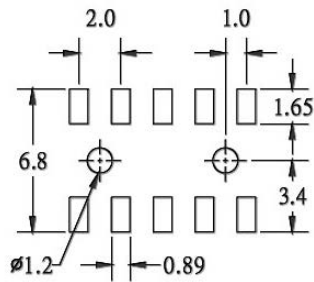
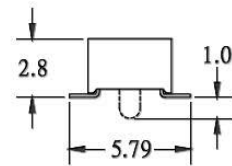
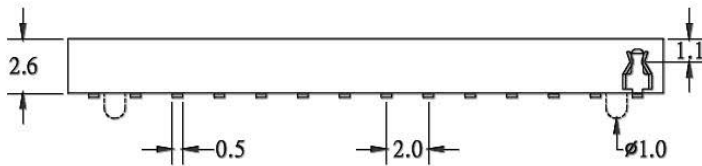
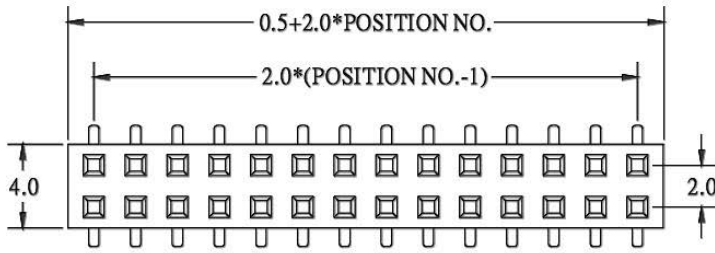
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: P/N 20H01(02)-xxxGB05-x HAS 5 MICRINCH GOLD PLATED CONTACTS

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.60MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: LCP, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

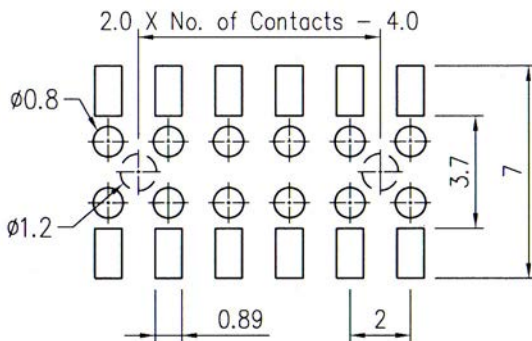
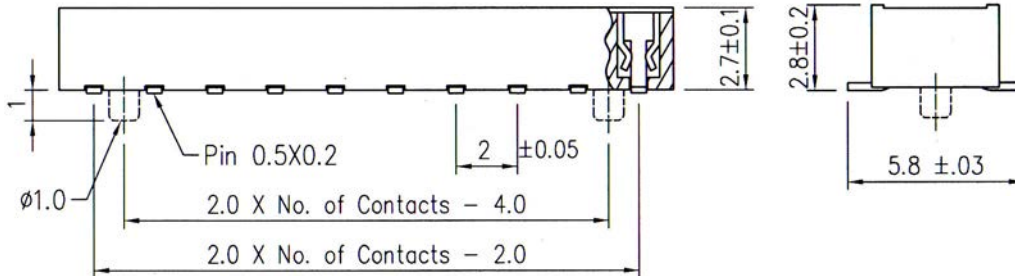
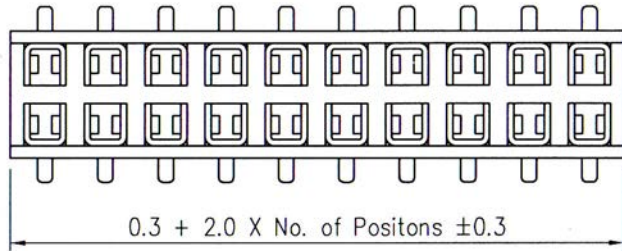
### ORDERING INFORMATION:

P/N 2 0  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

1. CONTACT TYPE:  
"H03" WITHOUT LOCATING PEGS  
"H04" WITH LOCATING PEGS
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER DUAL ENTRY SMT TYPE PROFILE=2.70MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

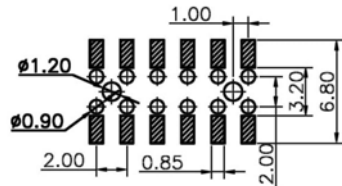
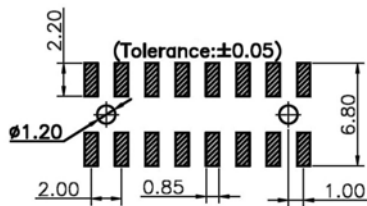
### ORDERING INFORMATION:

P/N 2 0 0  $\frac{xx}{1}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B -  $\frac{x}{4}$

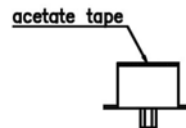
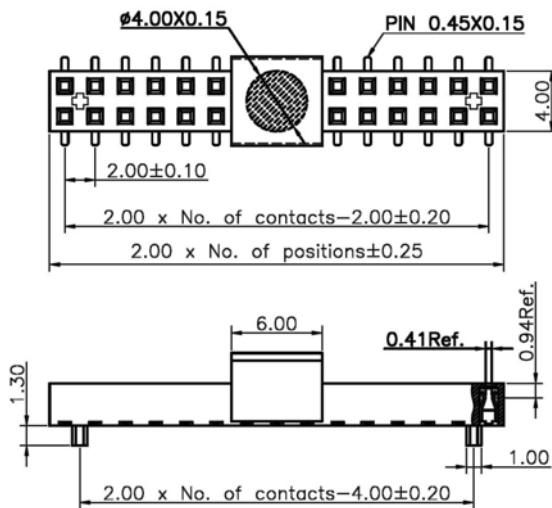
1. LOCATING PEG OPTION:  
"FR" W/O LOCATING PEG  
"FS" WITH LOCATING PEG
2. NO. OF CONTACTS:  
006 ~ 080
3. CONTACT FINISH  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = Pick & Place Pad

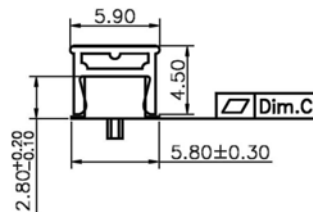
## 2.00MM(0.079") FEMALE HEADER TOP ENTRY SMT TYPE PROFILE=2.80MM



Recommended P.C.Board Layout  
(Bottom View)



PIN	DIM. C
03~15	0.10
16~25	0.12
26~35	0.15



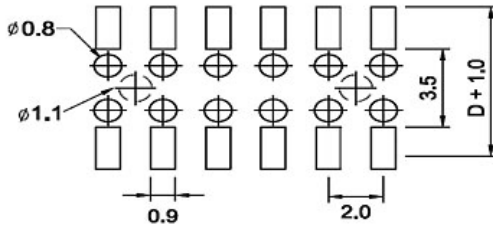
### ORDERING INFORMATION:

P/N 200  $\frac{1}{x}$  -  $\frac{2}{x}$   $\frac{3}{x}$  B -  $\frac{4}{x}$

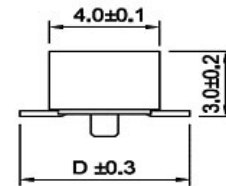
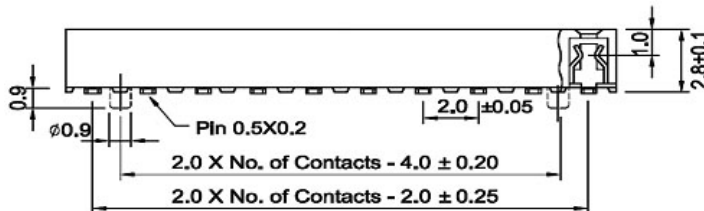
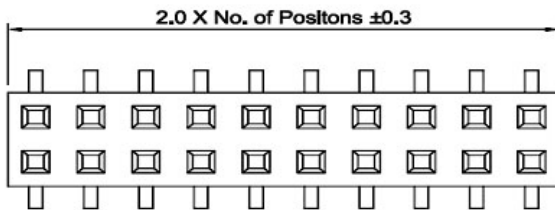
- LOCATING PEG OPTION:  
"EG" W/O LOCATING PEG  
"EK" WITH LOCATING PEG
- NO. OF CONTACTS:  
006 ~ 080
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED
- PAD, FILM & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL  
"F" WITH FILM IN TUBE  
"G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER DUAL ENTRY SMT TYPE PROFILE=2.80MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 2.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester, UL94V-0  
 Nylon-6T  
 Contacts: Phosphor Bronze  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 200  $\frac{x}{1}$  -  $\frac{x}{2}$   $\frac{x}{3}$  B -  $\frac{x}{4}$

#### 1. TERMINAL TYPE:

"CV" D= 5.40mm W/O LOCATING PEG  
 "CW" D= 5.40mm WITH LOCATING PEG  
 "CX" D= 6.20mm W/O LOCATING PEG  
 "CY" D= 6.20mm WITH LOCATING PEG

#### 2. NO. OF CONTACTS:

006 ~ 080

#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED  
 "T" FULL TIN PLATED

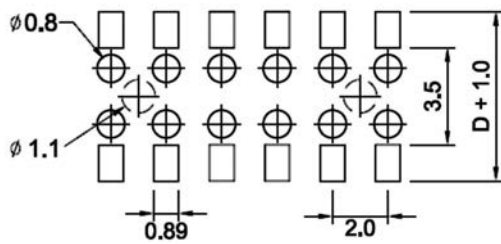
#### 4. PAD, FILM & PACKAGE OPTION:

"T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

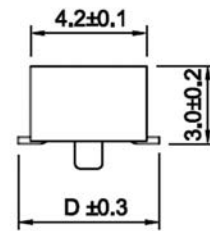
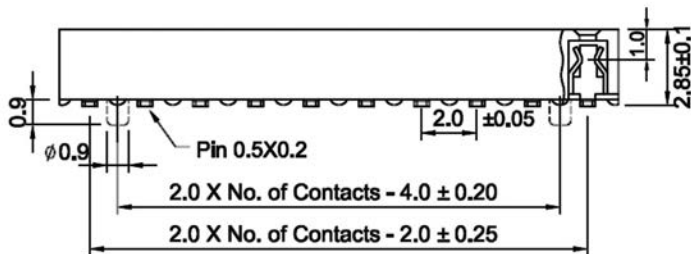
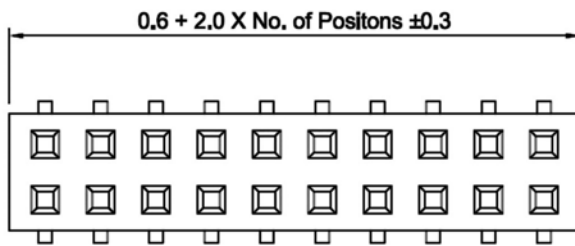
NOTE: PAD = PICK & PLACE PAD



## 2.00MM (0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.85MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 2A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 1000MΩ Min.  
 Dielectric Withstanding: 500V AC/Min.  
 Operating Temperature: -40°C to +105°C

### MATERIALS

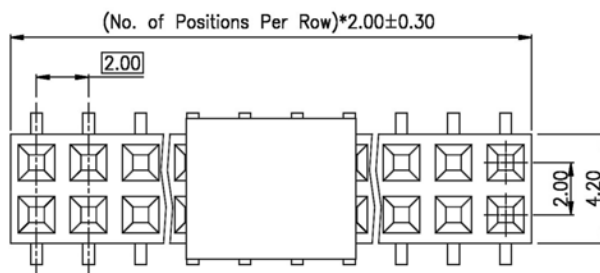
Insulator: NY6T UL94V-0  
 Contact: Phosphor Bronze  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 200  $\frac{X X}{1} - \frac{X X X X}{2} \frac{X}{3} B - \frac{X}{4}$

- TERMINAL TYPE:
  - "LK" D=5.4MM W/O LOCATING PEGS
  - "LL" D=5.4MM WITH LOCATING PEGS
  - "LM" D=6.2MM W/O LOCATING PEGS
  - "LN" D=6.2MM WITH LOCATING PEGS
- NO. OF CONTACTS:
  - 006 ~ 080
- CONTACT FINISH:
  - "G" FULL GOLD PLATED
  - "T" FULL TIN PLATED
- PAD & PACKAGE OPTION:
  - "T" W/O PAD IN TUBE
  - "P" WITH PAD IN TUBE
  - "Q" WITH PAD IN TAPE & REEL
  - "F" WITH FILM IN TUBE
  - "G" WITH FILM IN TAPE & REEL

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.90MM



### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

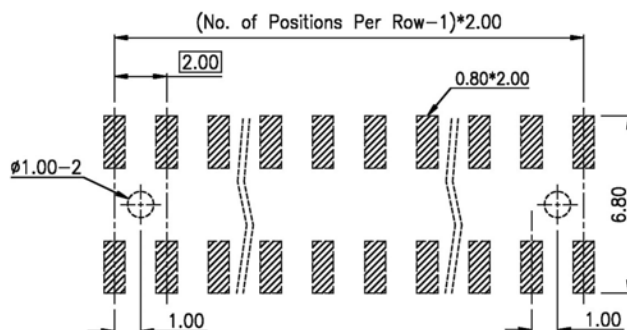
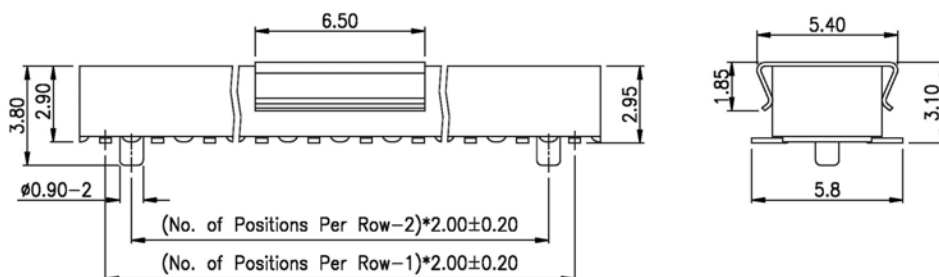
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Hi.-Temp. (UL 94V-0), Black

**Terminal:** Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20  $\frac{N}{1} \frac{X}{2} \frac{X}{3} \frac{G}{4} B - \frac{X}{4}$

1. LOCATING PEG OPTION:  
"N77" WITHOUT LOCATING PEG  
"N78" WITH LOCATING PEGS
2. NO. OF CONTACTS:  
004~080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED
4. PACKAGE OPTION:  
"T" WITHOUT PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

## 2.00MM(0.079") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=3.30MM

### SPECIFICATIONS

**Current Rating:** 1 Amp

**Contact Resistance:** 30mΩ Max.

**Insulator Resistance:** 3000 MΩ Min.

**Dielectric Withstand:** 500V AC For 1 Min.

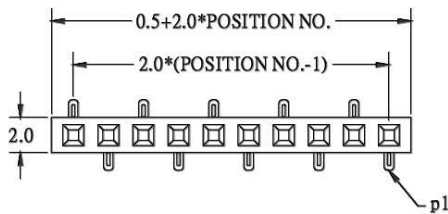
**Operating Temperature:** -40°C to +105°C

### MATERIALS

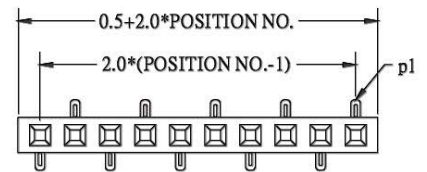
**Insulator:** LCP, Glass Reinforced, UL94V-0

**Contacts:** Phosphor Bronze

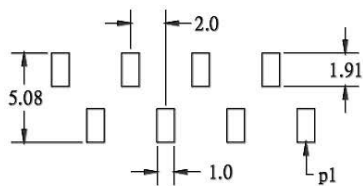
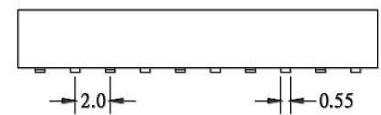
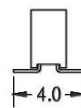
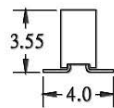
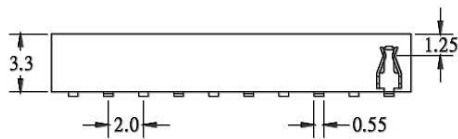
**All materials must be RoHS compliant.**



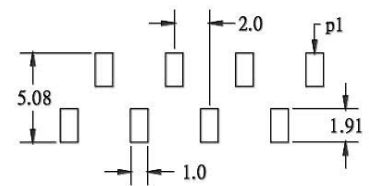
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

1. PCB LAYOUT TYPE:

"H05" TYPE A

"H06" TYPE B

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

4. PAD & PACKAGE OPTION:

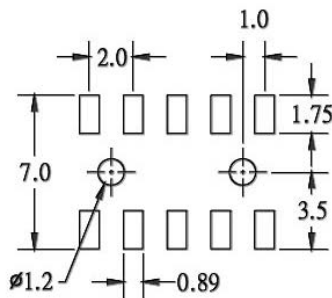
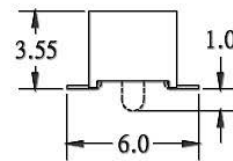
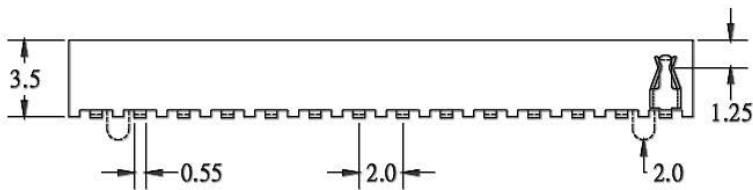
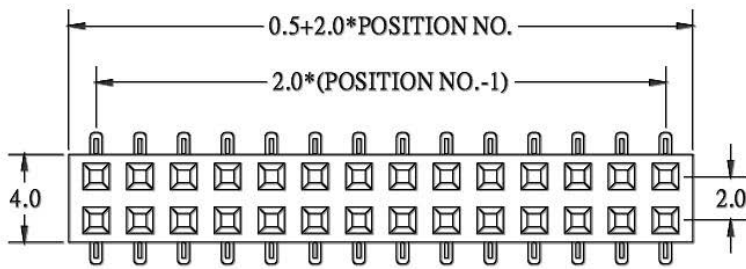
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=3.50MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: LCP, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

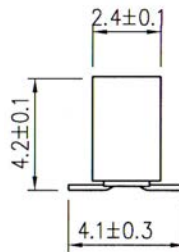
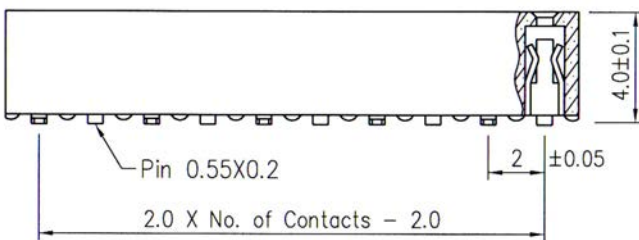
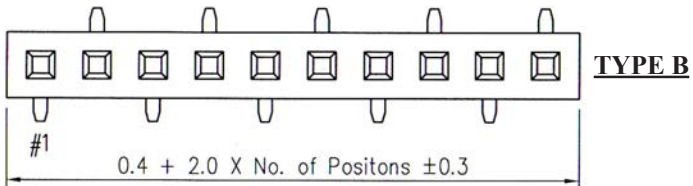
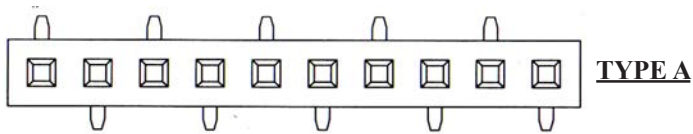
### ORDERING INFORMATION:

P/N 20  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

1. CONTACT TYPE:  
"H07" WITHOUT LOCATING PEGS  
"H08" WITH LOCATING PEGS
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=4.00MM



### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

Operating Temperature: -40°C to +105°C

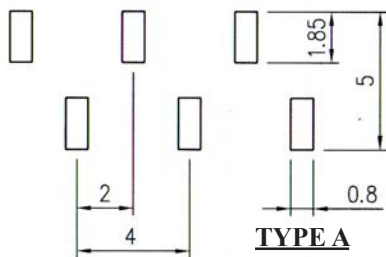
### MATERIALS

Insulator: Thermoplastic, UL94V-0

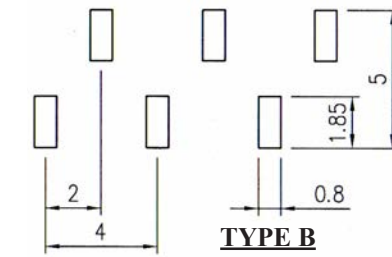
Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20  $\frac{xxx}{1} - \frac{xxxx}{2} \frac{B}{3} - \frac{x}{4}$

1. PCB LAYOUT TYPE:

"N61" TYPE A

"N62" TYPE B

2. NO. OF CONTACTS:

003 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

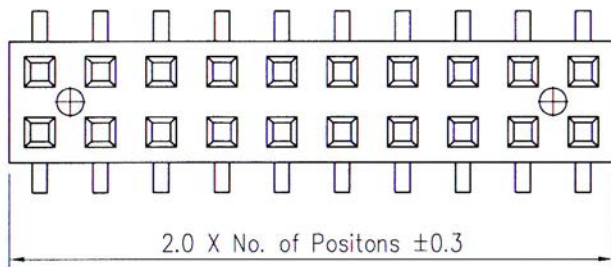
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER TOP ENTRY SMT TYPE PROFILE=4.00MM

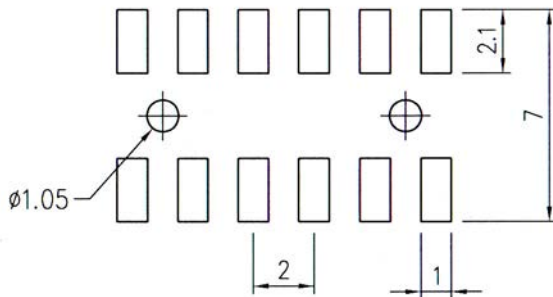
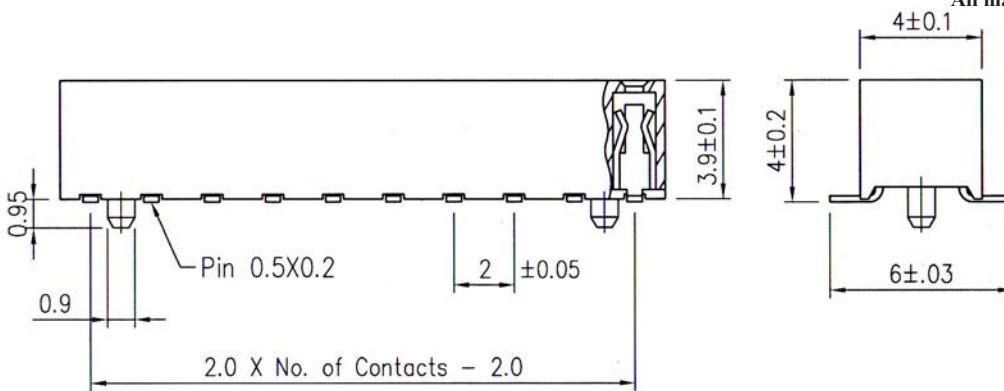


### SPECIFICATIONS

**Current Rating:** 2.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** Polyester, UL94V-0  
 Nylon-6T  
**Contacts:** Phosphor Bronze  
 All materials must be RoHS compliant.



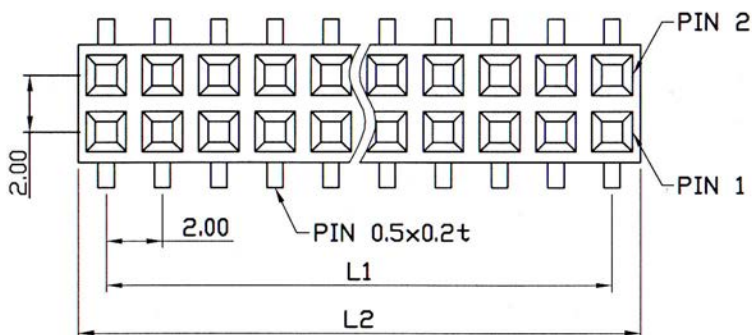
Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

- |  |   |
|--|---|
| <p>1. PROFILE &amp; LOCATING PEG OPTION:<br/>             "FW" W/O LOCATING PEG<br/>             "FV" WITH LOCATING PEG</p> <p>2. NO. OF CONTACTS:<br/>             006 ~ 080</p> <p>3. CONTACT FINISH:<br/>             "G" FULL GOLD PLATED<br/>             "T" FULL TIN PLATED</p> | <p>4. PAD &amp; PACKAGE OPTION:<br/>             "T" W/O PAD IN TUBE<br/>             "P" WITH PAD IN TUBE<br/>             "Q" WITH PAD IN TAPE &amp; REEL</p> <p>NOTE: PAD = PICK &amp; PLACE PAD</p> |
|--|---|

## 2.00MM(0.079") FEMALE HEADER DUAL ENTRY SMT TYPE PROFILE=4.00MM

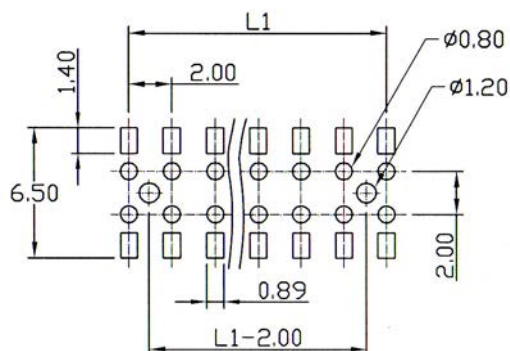
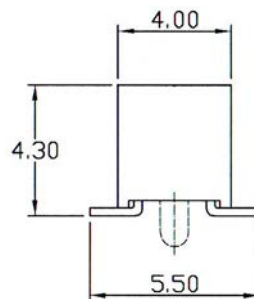
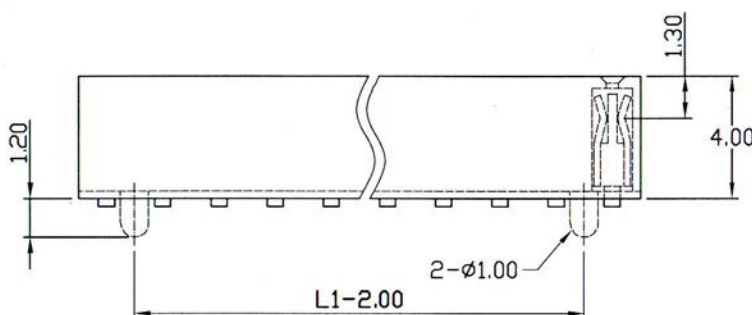


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

### DIMENSIONS:

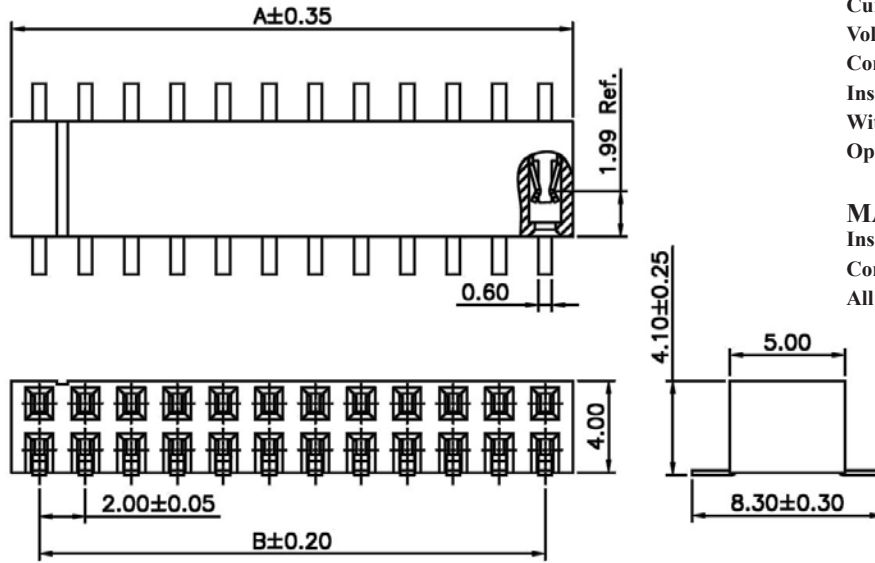
L1 = 2.0 x (No. of Contacts/Row-1)  
 L2 = 2.0 x No. of Contacts/Row + 0.5

### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

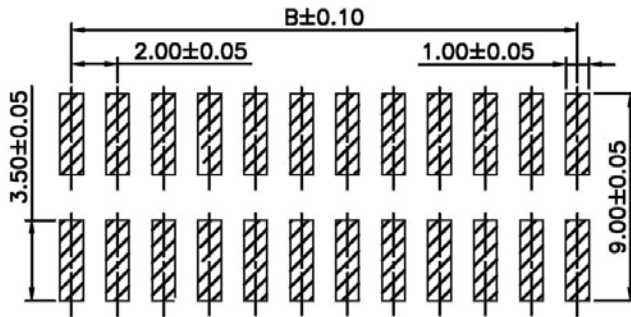
1. LOCATING PEG OPTION:  
 "CM" W/O LOCATING PEG  
 "CN" WITH LOCATING PEG
2. NO. OF CONTACTS:  
 004 ~ 080
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "T" FULL TIN PLATED
4. FILM & PACKAGE OPTION:  
 "T" W/O FILM IN TUBE  
 "F" WITH FILM IN TUBE  
 "G" WITH FILM IN TAPE & REEL

**2.00MM(0.079") FEMALE HEADER DOUBLE ROW  
SIDE ENTRY SMT TYPE PROFILE=4.00MM**



$A = B + 2.40$

$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$



Recommended P.C.Board Layout

**SPECIFICATIONS**

- Current Rating: 1.5 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

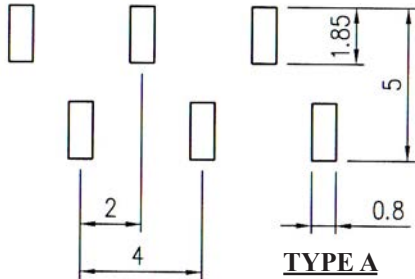
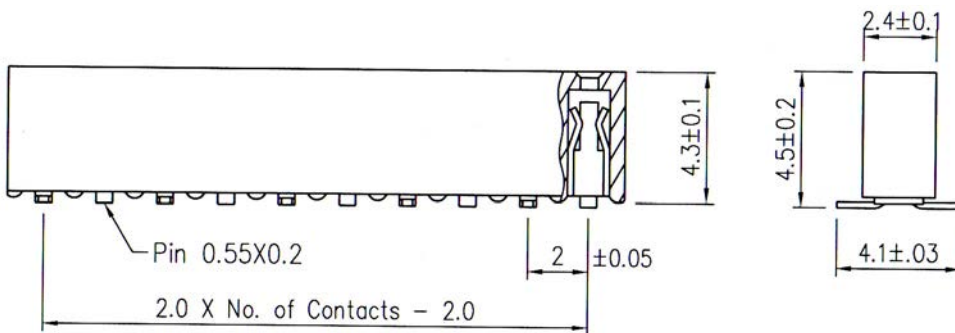
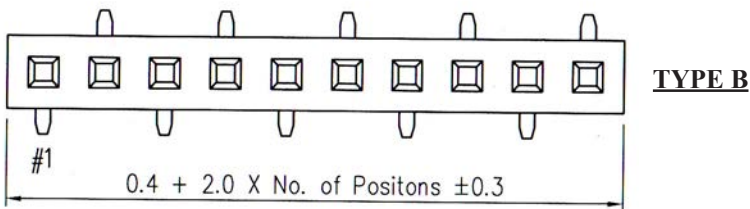
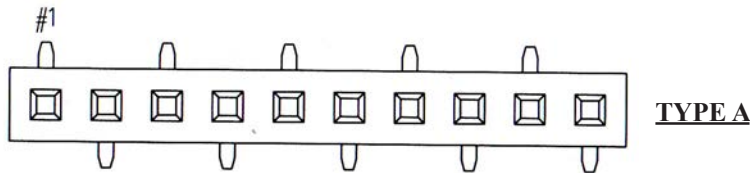
**ORDERING INFORMATION:**

**P/N 2 0 0  $\frac{KM}{1}$  -  $\frac{XXXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$**

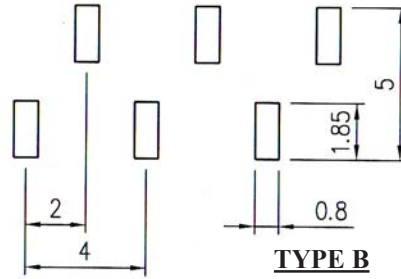
1. CONTACT TYPE:  
"KM" H=4.00MM SMT TYPE
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"R" W/O PAD IN TAPE & REEL



## 2.00MM(0.079") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=4.30MM



Recommended P.C.Board Layout



Recommended P.C.Board Layout

### SPECIFICATIONS

- Current Rating: 2.0 Amp
- Dielectric Withstand: 500V AC
- Insulator Resistance: 1000 MΩ min.
- Contact Resistance: 20mΩ Max.
- Operating Temperature: -40°C to + 105°C

### MATERIALS

- Insulator: Polyester, UL94V-0  
Nylon-6T
- Contacts: Phosphor Bronze
- All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 200  $\frac{xx}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. PCB LAYOUT TYPE:

- "CP" TYPE A
- "CQ" TYPE B

2. NO. OF CONTACTS:

003 ~ 040

3. CONTACT FINISH:

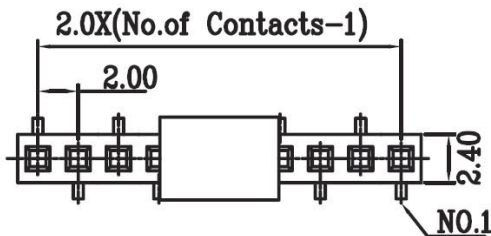
- "G" FULL GOLD PLATED
- "T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

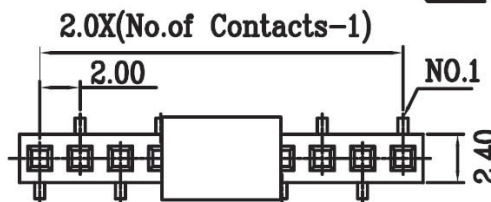
- "T" W/O PAD IN TUBE
- "P" WITH PAD IN TUBE
- "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

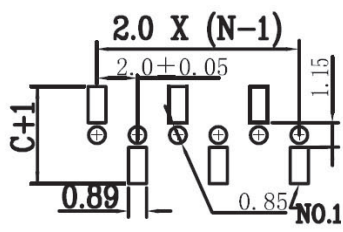
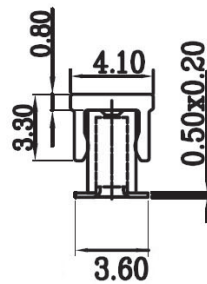
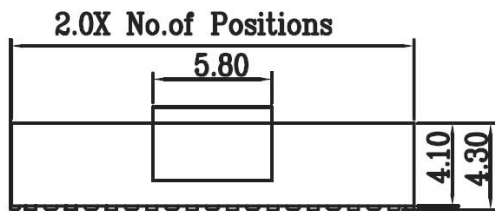
## 2.00MM (0.079") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=4.30MM



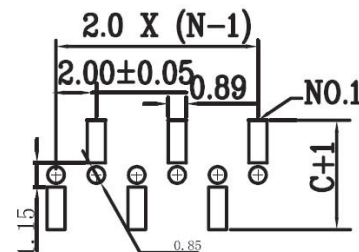
Type A



Type B



Recommended P.C. Board Layout  
Type A



Recommended P.C. Board Layout  
Type B

### SPECIFICATIONS

Current Rating: 1 A  
Contact Resistance: 20mΩ Max.  
Insulator Resistance: 1000MΩ Min.  
Dielectric Withstanding: 500V AC/Min.  
Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: Thermoplastic UL94V-0  
Contact: Phosphor Bronze  
All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

#### 1. CONNECTOR TYPE:

"FY" TYPE A  
"FX" TYPE B

#### 2. NO. OF CONTACTS:

004 ~ 040

#### 3. CONTACT FINISH:

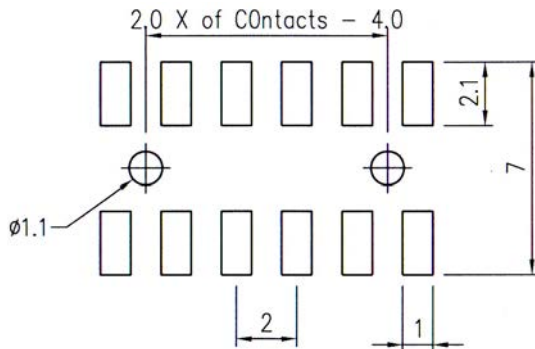
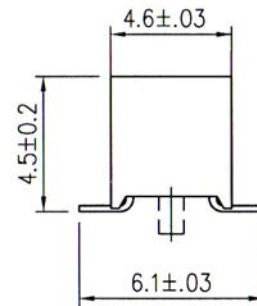
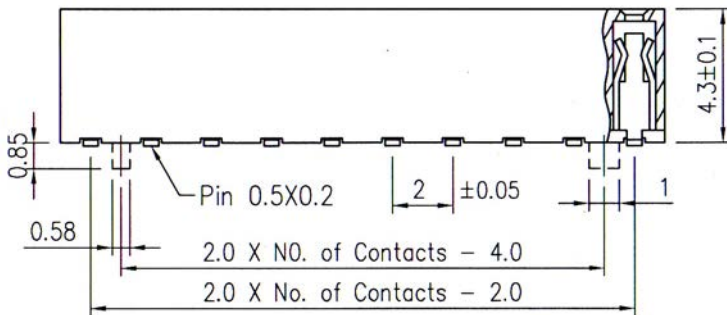
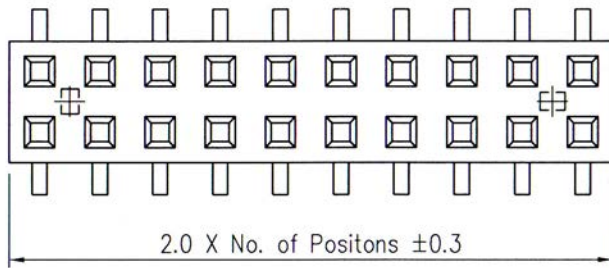
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

#### 4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER TOP ENTRY SMT TYPE PROFILE=4.30MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 M $\Omega$  min.

Contact Resistance: 20m $\Omega$  Max.

Operating Temperature: -40 $^{\circ}$ c to + 105 $^{\circ}$ c

### MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

### ORDERING INFORMATION:

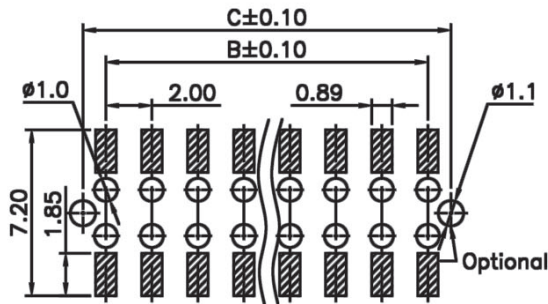
P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

1. LOCATING PEG OPTION:  
"KX" W/O LOCATING PEG  
"KZ" WITH LOCATING PEG
2. NO. OF CONTACTS:  
006 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=4.30MM



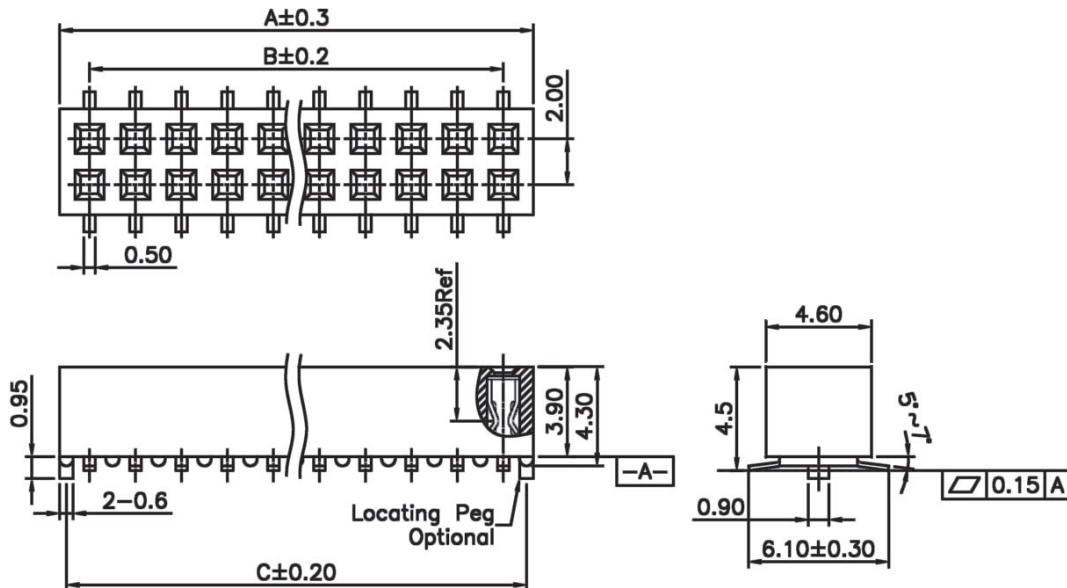
Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 2.0 A  
 Voltage Rating: 150V AC/DC  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 1000MΩ Min.  
 Withstanding Voltage: 500V AC/Min.  
 Operating Temperature: -25°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Phosphor Bronze  
 All materials must be RoHS compliant.



$$A = B + 2.60$$

$$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

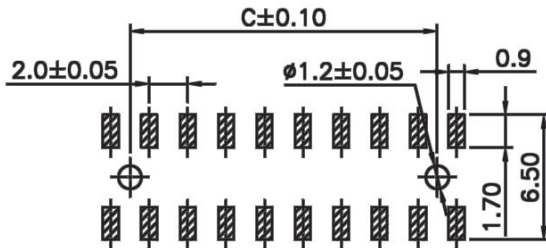
$$C = B + 2.00$$

### ORDERING INFORMATION:

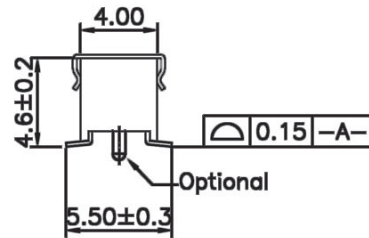
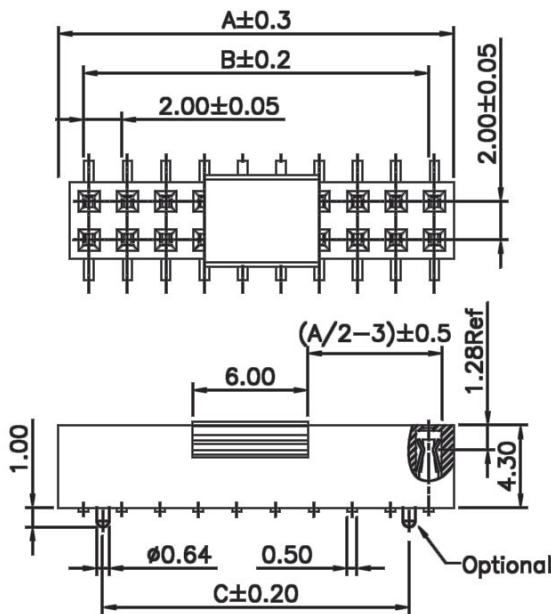
P/N 20  $\frac{H58}{1} - \frac{XXXX}{2} \frac{X}{3} B - \frac{X}{4}$

- |   |  |
|---|--|
| <p>1. CONTACT TYPE:<br/>"H58" WITH 2 LOCATING PEGS ON 2 SIDES</p> <p>2. NO. OF CONTACTS:<br/>004 ~ 080</p> <p>3. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</p> | <p>4. PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL<br/>"F" WITH FILM IN TUBE</p> <p>NOTE: 2 LOCATING PEGS ON 2 SIDES</p> |
|---|--|

**2.00MM(0.079") FEMALE HEADER DOUBLE ROW  
SMT TYPE PROFILE=4.30MM**



Recommended P.C.Board Layout



$A = B + 2.00$   
 $B = 2.00 \times (\text{NO. OF CONTACTS}/2 - 1)$   
 $C = B - 2.00$

**SPECIFICATIONS**

- Current Rating: 1.5 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

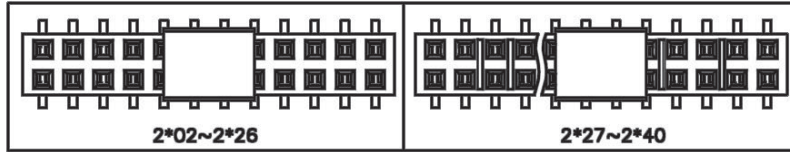
- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

**P/N 200  $\frac{XX}{1} - \frac{XXX}{2} \frac{X}{3} B - \frac{X}{4}$**

1. LOCATING PEG OPTION:  
"VN" WITHOUT LOCATING PEGS  
"VP" WITH LOCATING PEGS
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL  
"F" WITH FILM IN TUBE  
"G" WITH FILM IN TAPE & REEL

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=4.30MM

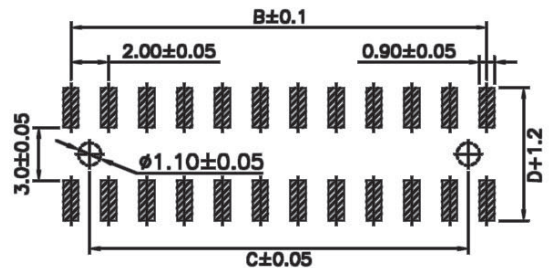
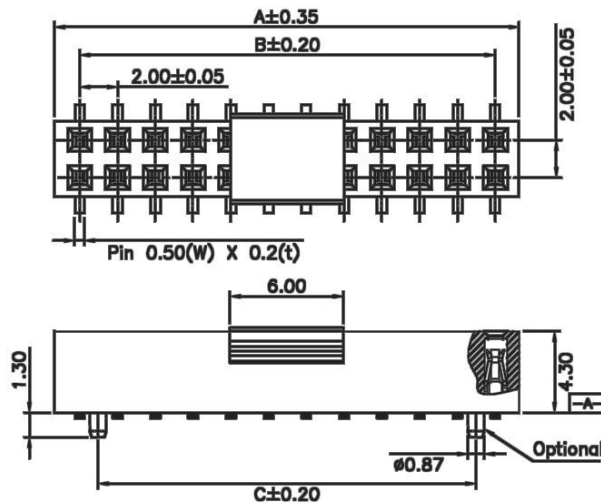


### SPECIFICATIONS

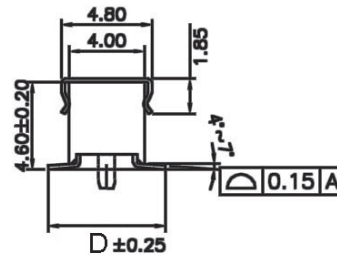
Current Rating: 2.0 A  
 Voltage Rating: 150V AC/DC  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 500V AC/Min.  
 Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Phosphor Bronze  
 All materials must be RoHS compliant.



Recommended P.C. Board Layout



$$A = B + 2.60$$

$$B = 2.00 \times (\text{NO. OF CONTACTS}/2 - 1)$$

$$C = B - 2.00$$

### ORDERING INFORMATION:

P/N 2 0 0  $\frac{X X}{1} - \frac{X X X X}{2 3} B - \frac{X}{4}$

#### 1. LOCATING PEG OPTION:

"VA" D=6.2MM W/O LOCATING PEGS  
 "VB" D=6.2MM WITH LOCATING PEGS  
 "VC" D=6.8MM W/O LOCATING PEGS  
 "VD" D=6.8MM WITH LOCATING PEGS

#### 2. NO. OF CONTACTS:

004 ~ 080

#### 3. CONTACT FINISH:

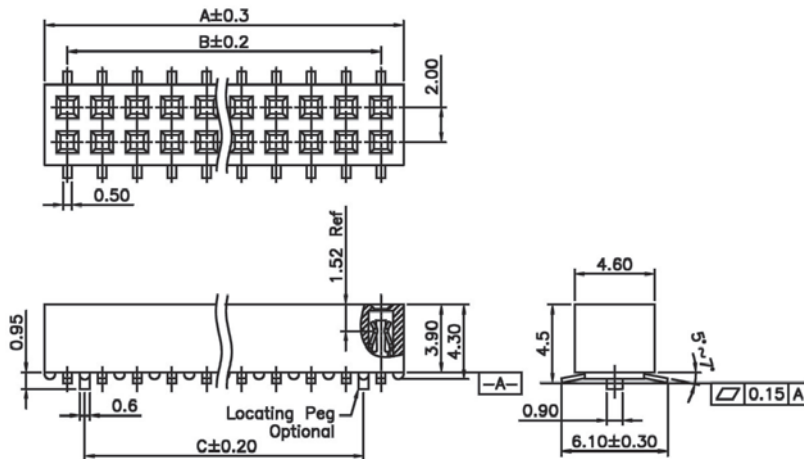
"G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

#### 4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

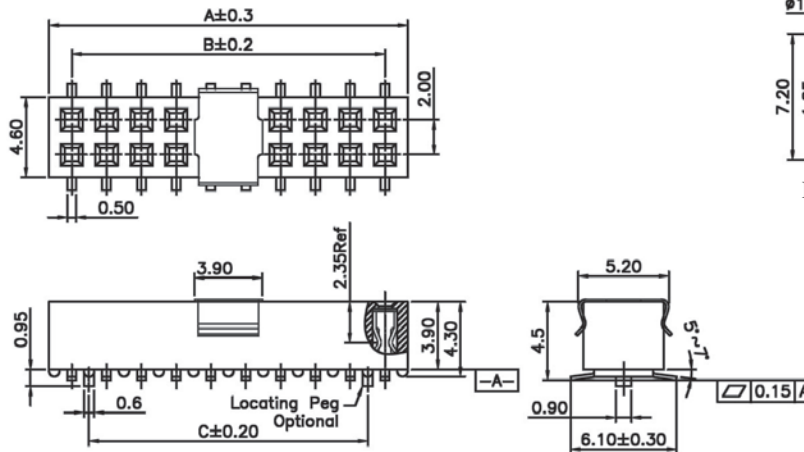
NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=4.30MM



$A = B + 2.60$   
 $B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$   
 $C = B - 2.00$

**20H83, 20H84**



$A = B + 2.60$   
 $B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$   
 $C = B - 2.00$

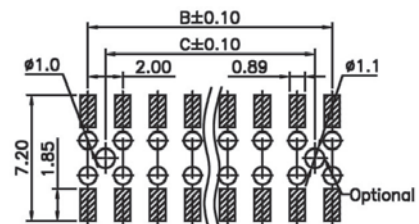
**20H85, 20H86**

### SPECIFICATIONS

**Current Rating:** 2.0 A  
**Voltage Rating:** 150V AC/DC  
**Contact Resistance:** 20mΩ Max.  
**Insulator Resistance:** 1000MΩ Min.  
**Withstanding Voltage:** 500V AC/Min.  
**Operating Temperature:** -25°C to +105°C

### MATERIALS

**Insulator:** NY6T UL94V-0, Black  
**Contact:** Phosphor Bronze  
**All materials must be RoHS compliant.**



**Recommended P.C.Board Layout**

### ORDERING INFORMATION:

P/N 20  $\frac{1}{\text{CONTACT TYPE \& PEG OPTION}}$   $\frac{2}{\text{NO. OF CONTACTS}}$   $\frac{3}{\text{CONTACT FINISH}}$  B -  $\frac{4}{\text{PAD \& PACKAGE OPTION}}$

- CONTACT TYPE & PEG OPTION:  
H83, H84, H85, H86
- NO. OF CONTACTS:  
004 ~ 080
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL  
"F" WITH FILM IN TUBE  
"G" WITH FILM IN TAPE & REEL

CONTACT POINT DEPTH	WITHOUT LOCATING PEGS	WITH LOCATING PEGS
1.52MM	H83	H84
2.35MM	H85	H86

## 2.00MM (0.079") FEMALE HEADER SMT TYPE WITH POLARIZATION NOTCH PROFILE=4.3MM

### SPECIFICATIONS

**Rating Current:** 2 Amperes Max

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 500V AC

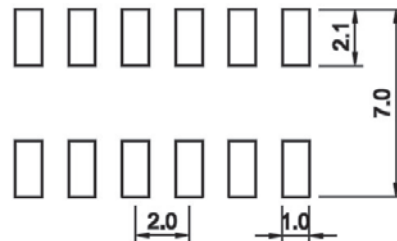
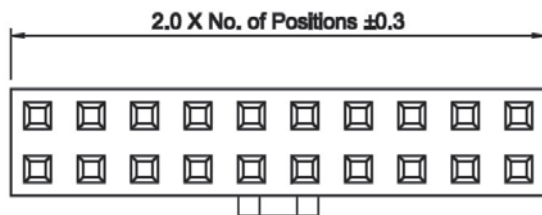
**Operating Temperature:** -40°C to +105°C

### MATERIALS

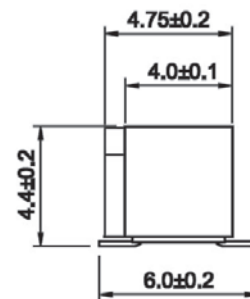
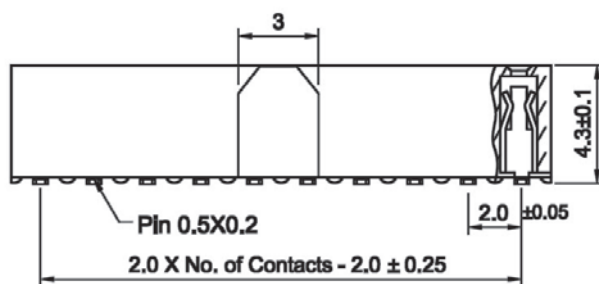
**Housing:** Nylon 6T (UL 94V-0), Black

**Terminal:** Brass, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

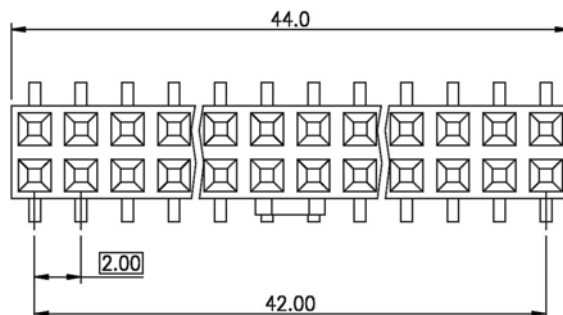
P/N 20Q03 -  $\frac{xxx}{1} \frac{G}{2} B - \frac{x}{3}$

1. NO. OF CONTACTS:  
010~080
2. CONTACT FINISH:  
"G" FULL GOLD PLATED
3. PACKAGE OPTION:  
"T" WITHOUT FILM IN TUBE  
"F" WITH FILM IN TUBE  
"G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD



## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=4.30MM



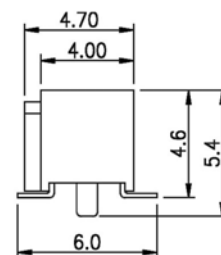
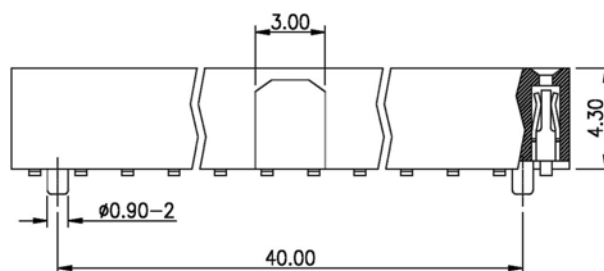
### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

**Operating Temperature:** -55°C to +105°C

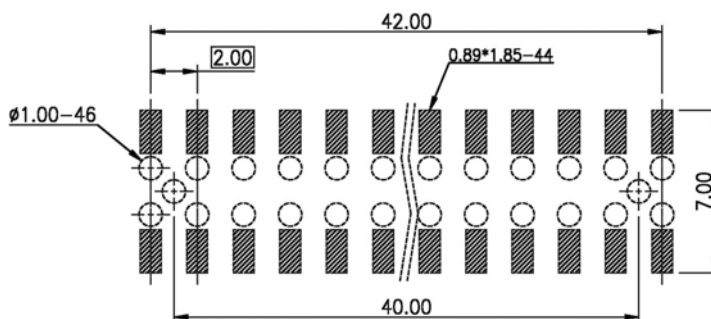


### MATERIALS

**Housing:** Nylon 6T (UL 94V-0), Black

**Terminal:** Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 2 0 N 7 9 -  $\frac{x}{1}$   $\frac{x}{2}$  G B -  $\frac{x}{3}$

1. NO. OF CONTACTS:

044

2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. PACKAGE OPTION:

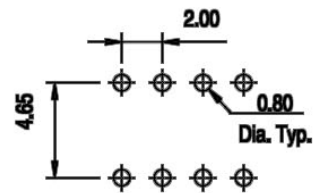
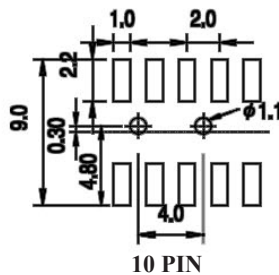
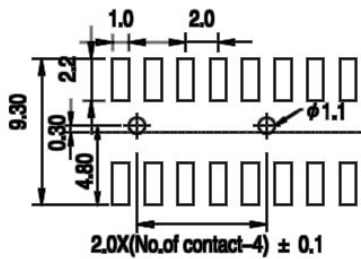
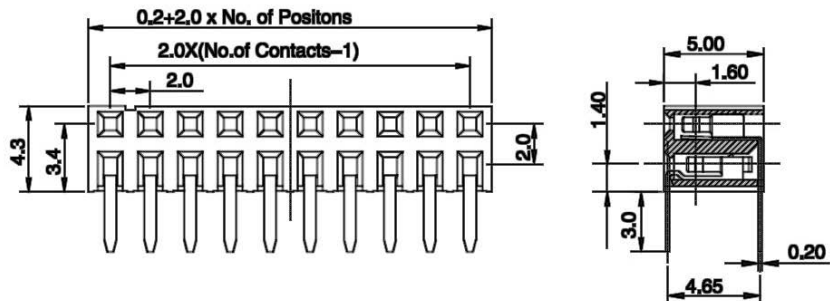
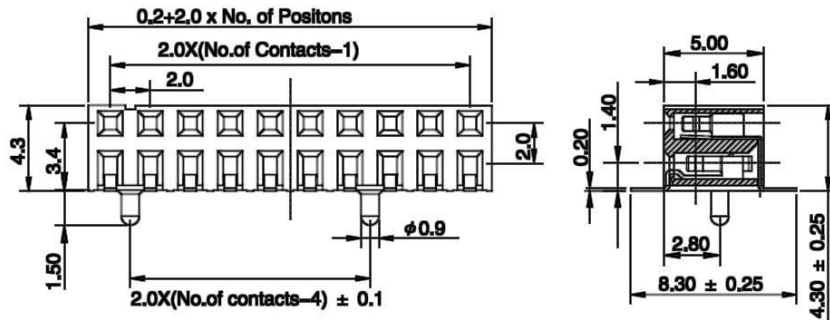
"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM (0.079") FEMALE HEADER DOUBLE ROW SIDE ENTRY TYPE ROFILE=4.30MM



Recommended P.C.Board Layout

### SPECIFICATIONS

- Current Rating: 1.0 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Dielectric Strength: 500V AC Min.
- Operating Temperature: -40°C to +105°C

### MATERIALS

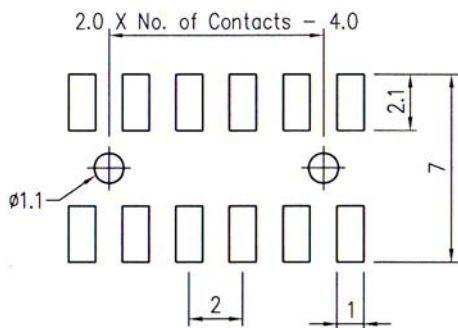
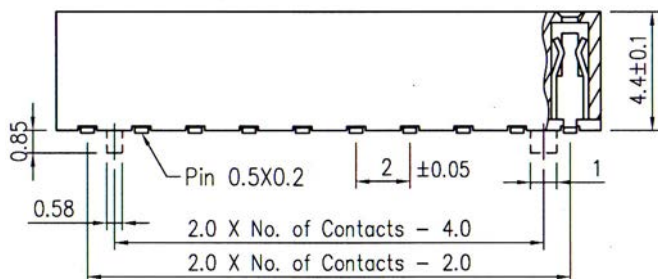
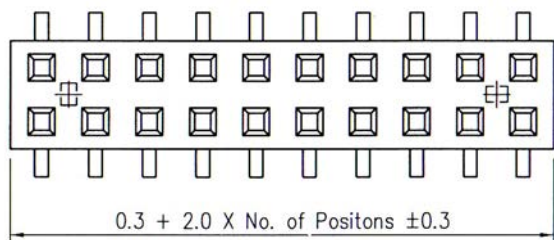
- Insulator: High Temperature Thermoplastic, UL94V-0
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 2 0 0  $\frac{X X}{1}$  -  $\frac{X X X X}{2}$  B -  $\frac{X}{4}$

- CONTACT TYPE:
  - "FL" DIP TYPE
  - "FM" SMT TYPE WITH LOCATING PEGS
  - "FN" SMT TYPE WITHOUT LOCATING PEGS
- NO. OF CONTACTS:
  - 006 ~ 050
- CONTACT FINISH:
  - "G" FULL GOLD PLATED
  - "S" SELECTIVE GOLD PLATED
  - "T" FULL TIN PLATED
- PACKAGE OPTION: (FOR SMT TYPE ONLY)
  - "T" W/O PAD IN TUBE
  - "R" W/O PAD IN TAPE & REEL

## 2.00MM(0.079") FEMALE HEADER TOP ENTRY SMT TYPE PROFILE=4.40MM



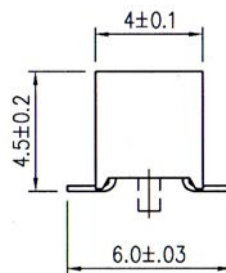
Recommended P.C.Board Layout

### SPECIFICATIONS

- Current Rating: 2.0 Amp
- Dielectric Withstand: 500V AC
- Insulator Resistance: 1000 MΩ min.
- Contact Resistance: 20mΩ Max.
- Operating Temperature: -40°C to + 105°C

### MATERIALS

- Insulator: Polyester, UL94V-0  
Nylon-6T
- Contacts: Phosphor Bronze
- All materials must be RoHS compliant.



### ORDERING INFORMATION:

P/N 200  $\frac{X X}{1} - \frac{X X X X}{2} \frac{X}{3} B - \frac{X}{4}$

1. LOCATING PEG OPTION:  
"KA" W/O LOCATING PEG  
"KF" WITH LOCATING PEG
2. NO. OF CONTACTS:  
006 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

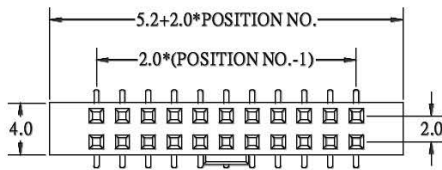
**2.00MM(0.079") FEMALE HEADER WITH POLARIZATION BUMP  
SMT TYPE PROFILE=4.50MM**

**SPECIFICATIONS**

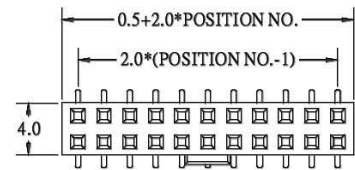
- Current Rating:** 1 Amp
- Contact Resistance:** 30mΩ Max.
- Insulator Resistance:** 3000 MΩ Min.
- Dielectric Withstand:** 500V AC For 1 Min.
- Operating Temperature:** -40°C to +105°C

**MATERIALS**

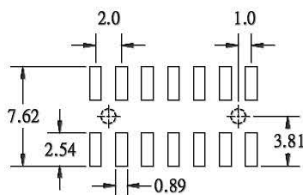
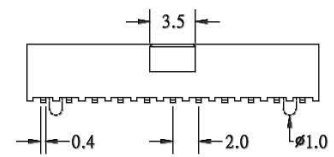
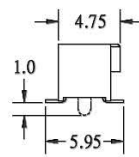
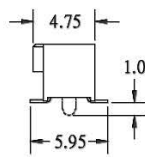
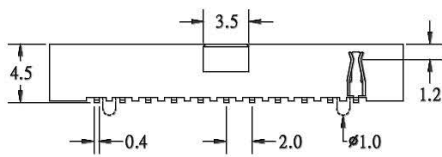
- Insulator:** LCP, Glass Reinforced, UL94V-0
- Contacts:** Phosphor Bronze
- All materials must be RoHS compliant.**



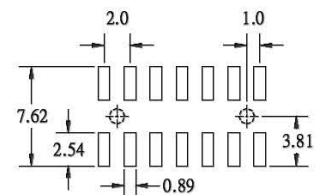
**TYPE A**



**TYPE B**



**Recommended P.C.Board Layout**



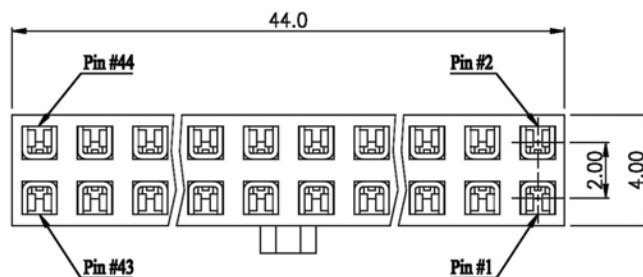
**Recommended P.C.Board Layout**

**ORDERING INFORMATION:**

**P/N 20  $\frac{XXX}{1}$  -  $\frac{XXXX}{2}$  B -  $\frac{X}{4}$**

- |   |   |
|---|---|
| <p>1. CONTACT TYPE:<br/>                 "H11" TYPE A WITHOUT LOCATING PEGS<br/>                 "H12" TYPE A WITH LOCATING PEGS<br/>                 "H13" TYPE B WITHOUT LOCATING PEGS<br/>                 "H14" TYPE B WITH LOCATING PEGS</p> <p>2. NO. OF CONTACTS:<br/>                 004 ~ 080</p> <p>3. CONTACT FINISH:<br/>                 "G" FULL GOLD PLATED</p> | <p>4. PAD &amp; PACKAGE OPTION:<br/>                 "T" W/O PAD IN TUBE<br/>                 "P" WITH PAD IN TUBE<br/>                 "Q" WITH PAD IN TAPE &amp; REEL</p> <p>NOTE: PAD = PICK &amp; PLACE PAD</p> |
|---|---|

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW STRADDLE MOUNT TYPE PROFILE=4.50MM



### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

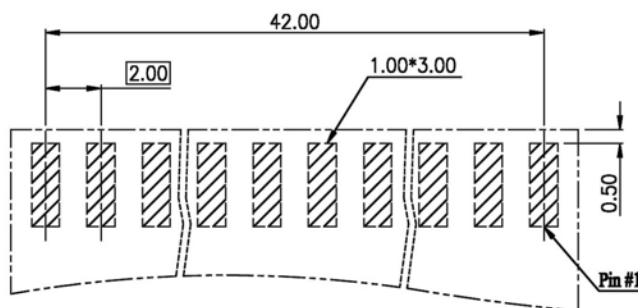
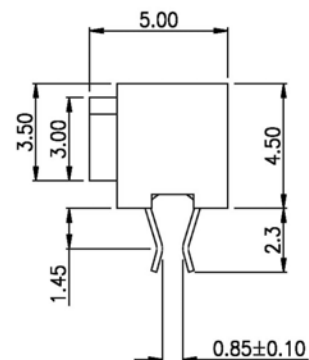
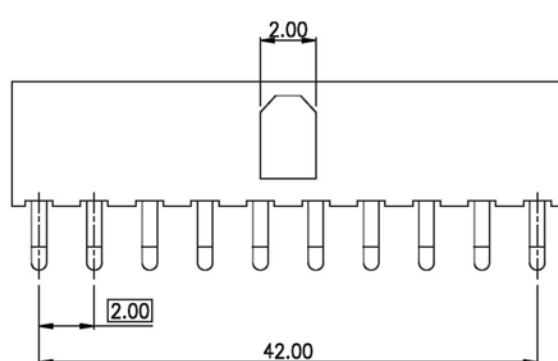
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Nylon 6T (UL 94V-0), Black

**Terminal:** Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20N75 -  $\frac{xxx}{1} \frac{G}{2} B$

1. NO. OF CONTACTS:

044

2. CONTACT FINISH:

"G" FULL GOLD PLATED

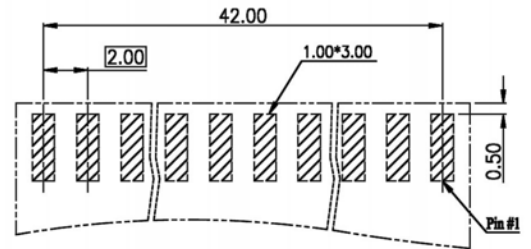
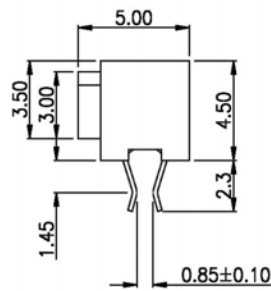
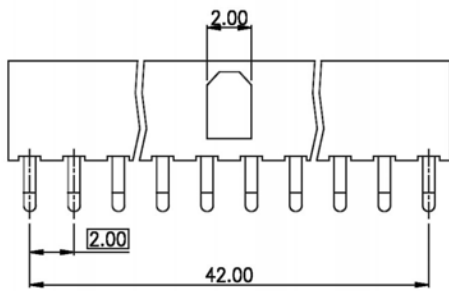
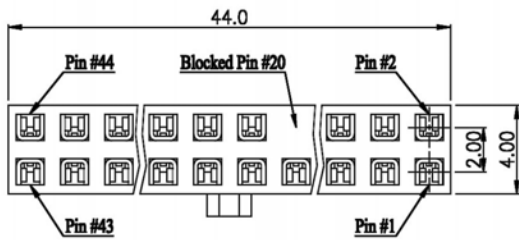
## 2.00MM(0.079") FEMALE HEADER STRADDLE MOUNT TYPE WITH BLOCKED PIN #20 PROFILE=4.50MM

### SPECIFICATIONS

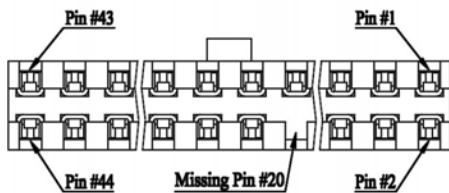
**Rating Current:** 1 Ampere Max.  
**Insulation Resistance:** 1000MΩ Min.  
**Dielectric Withstanding:** 800V AC  
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Nylon-6T (UL 94V-0), Black  
**Terminal:** Copper Alloy, Gold Plating  
**\* RoHS & REACH compliant.**



Recommended P.C.Board Layout

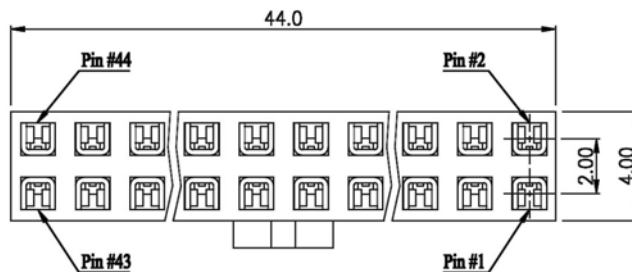


### ORDERING INFORMATION:

**P/N 20N75 -  $\frac{0}{1}$   $\frac{4}{2}$   $\frac{4}{3}$  GB / V20**

1. NO. OF CONTACTS:  
044
2. CONTACT FINISH:  
"G" FULL GOLD PLATED
3. BLOCKED & MISSING PIN:  
"V20" PIN #20 BLOCKED

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW STRADDLE MOUNT TYPE PROFILE=4.50MM



### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

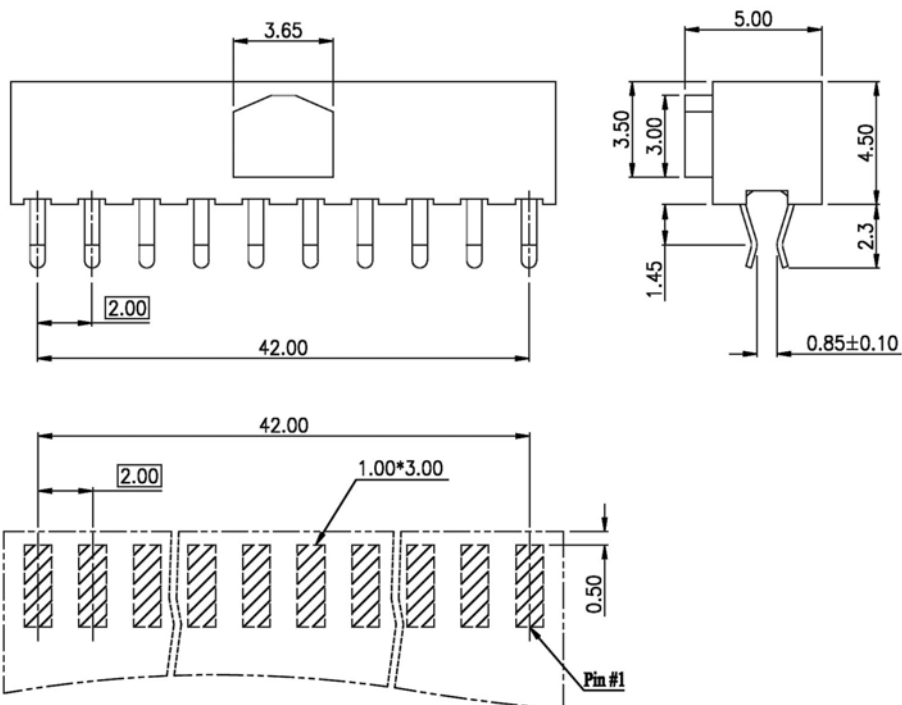
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Nylon 6T (UL 94V-0), Black

**Terminal:** Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20N76 -  $\frac{xxx}{1} \frac{GB}{2}$

1. NO. OF CONTACTS:

044

2. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM(0.079") FEMALE HEADER STRADDLE MOUNT TYPE WITH BLOCKED PIN #20 PROFILE=4.50MM

### SPECIFICATIONS

Rating Current: 1 Ampere Max.

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 800V AC

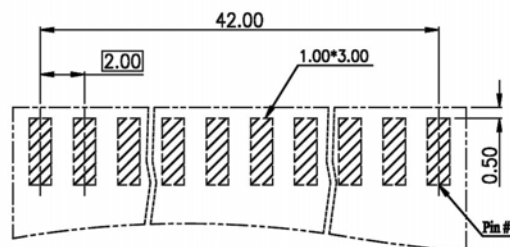
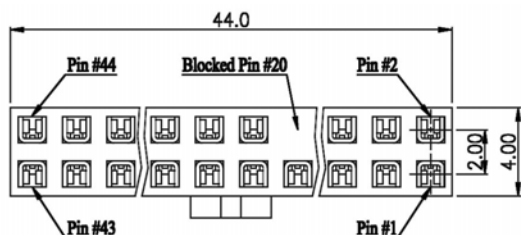
Operating Temperature: -55°C to +105°C

### MATERIALS

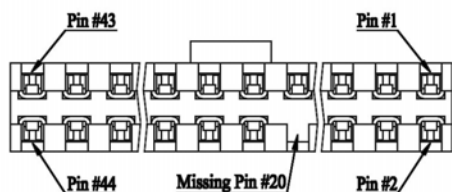
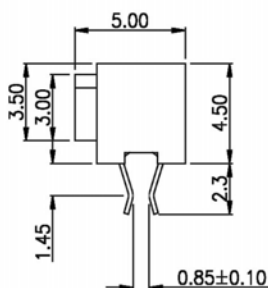
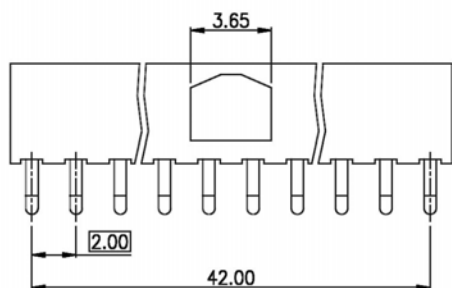
Housing: LCP (UL 94V-0), Black

Terminal: Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

P/N 20N76- $\frac{044}{1}$  $\frac{G}{2}$  $\frac{B}{3}$ /V20

1. NO. OF CONTACTS:

044

2. CONTACT FINISH:

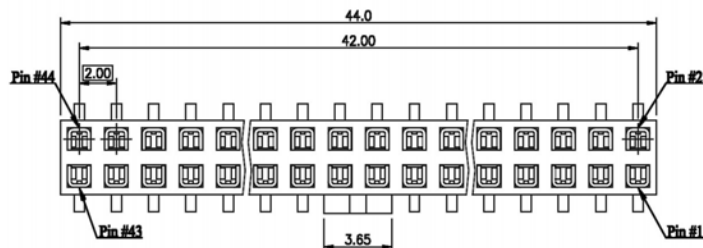
"G" FULL GOLD PLATED

3. BLOCKED & MISSING PIN:

"V20" PIN #20 BLOCKED



## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=4.50MM



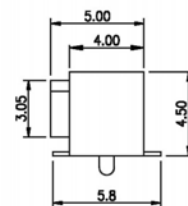
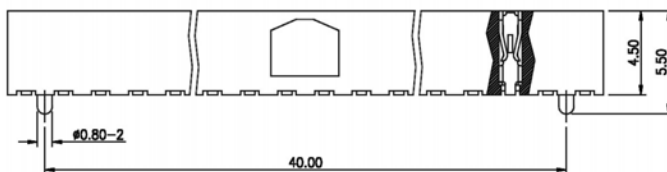
### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

**Operating Temperature:** -55°C to +105°C

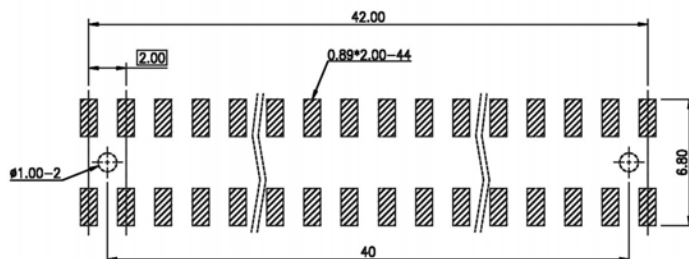


### MATERIALS

**Housing:** Nylon 6T (UL 94V-0), Black

**Terminal:** Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20N80 -  $\frac{xxx}{1} \frac{GB}{2}$

1. NO. OF CONTACTS:

044

2. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM (0.079") FEMALE HEADER SMT TYPE WITH POLARIZATION NOTCH PROFILE=4.60MM

### SPECIFICATIONS

Rating Current: 2 Amperes Max

Insulation Resistance: 5000MΩ Min.

Dielectric Withstanding: 500V AC

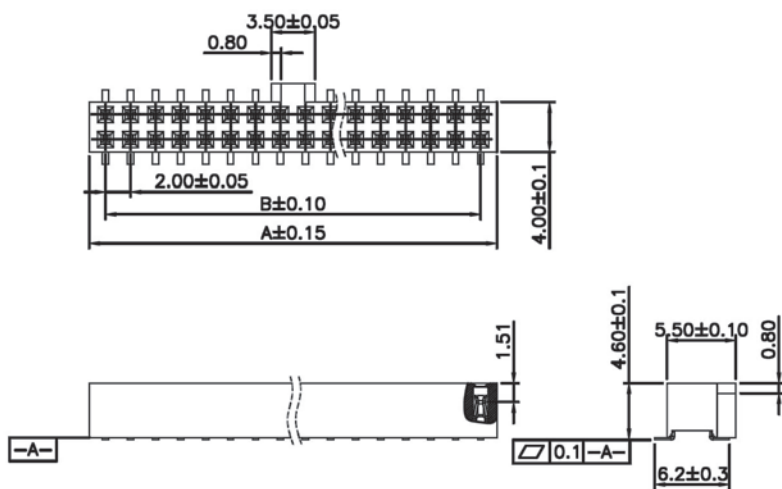
Operating Temperature: -55°C to +105°C

### MATERIALS

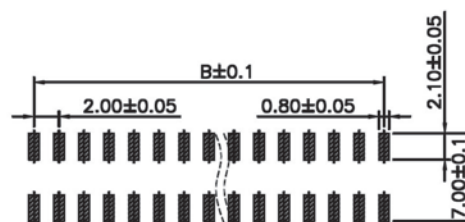
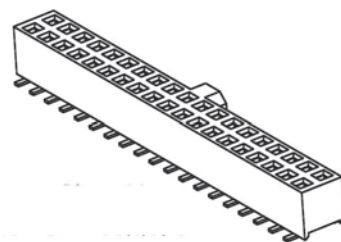
Housing: Nylon 6T (UL 94V-0), Black

Terminal: Phosphor Bronze, Gold Plating

\* RoHS & REACH compliant.



No.	A	B	C
2*19	38.6	36.0	34.0
2*22	44.6	42.0	40.0



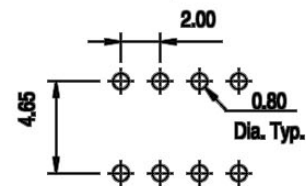
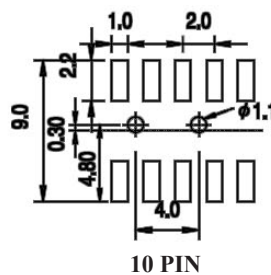
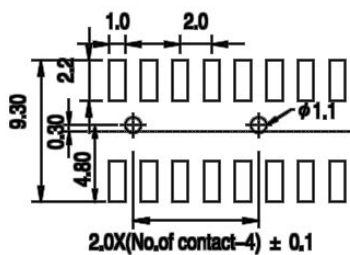
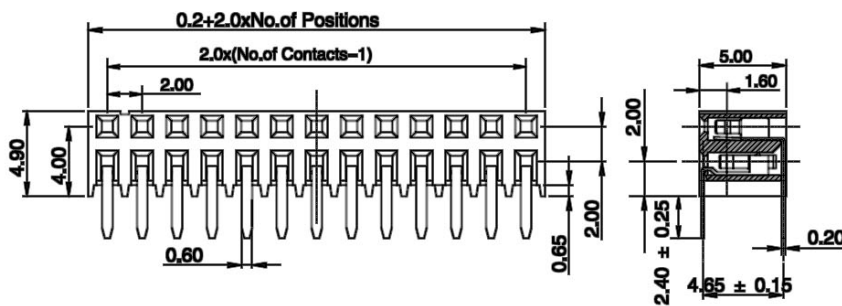
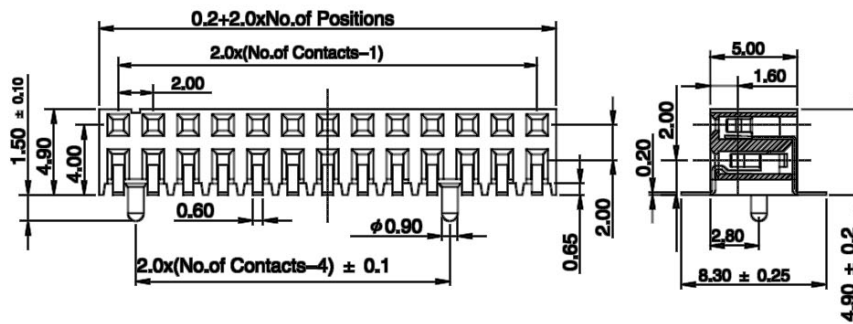
Recommended P.C. Board Layout

### ORDERING INFORMATION:

P/N 2 0 Q 0 4 -  $\frac{x}{1}$   $\frac{x}{2}$   $\frac{x}{3}$  G B -  $\frac{x}{3}$

1. NO. OF CONTACTS:  
038, 044
2. CONTACT FINISH:  
"G" FULL GOLD PLATED
3. PACKAGE OPTION:  
"T" WITHOUT FILM IN TUBE  
"F" WITH FILM IN TUBE  
"G" WITH FILM IN TAPE & REEL

## 2.00MM (0.079") FEMALE HEADER DOUBLE ROW SIDE ENTRY TYPE ROFILE=4.90MM



Recommended P.C. Board Layout

### SPECIFICATIONS

- Current Rating: 1.0 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Dielectric Strength: 500V AC Min.
- Operating Temperature: -40°C to +105°C

### MATERIALS

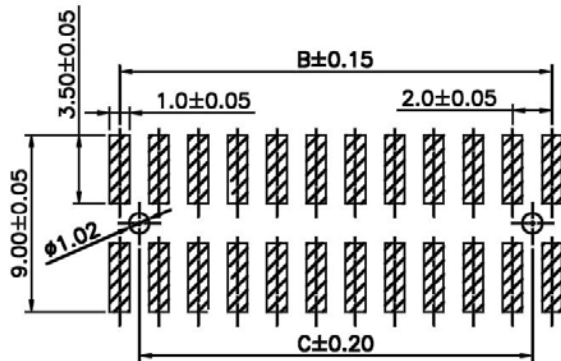
- Insulator: High Temperature Thermoplastic, UL94V-0
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

### ORDERING INFORMATION:

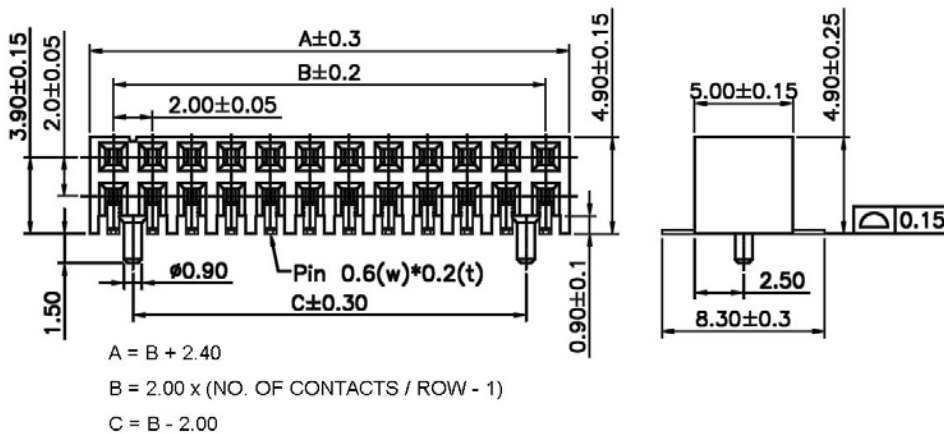
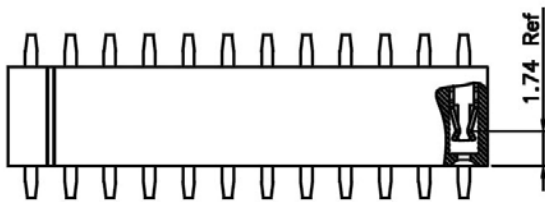
P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

- CONTACT TYPE:
  - "FE" DIP TYPE
  - "FT" SMT TYPE WITH LOCATING PEGS
  - "FK" SMT TYPE WITHOUT LOCATING PEGS
- NO. OF CONTACTS:
  - 006 ~ 050
- CONTACT FINISH:
  - "G" FULL GOLD PLATED
  - "S" SELECTIVE GOLD PLATED
  - "T" FULL TIN PLATED
- PACKAGE OPTION: (FOR SMT TYPE ONLY)
  - "T" W/O PAD IN TUBE
  - "R" W/O PAD IN TAPE & REEL

**2.00MM (0.079") FEMALE HEADER DOUBLE ROW SIDE ENTRY TYPE  
PROFILE=5.00MM**



Recommended P.C.Board Layout



**SPECIFICATIONS**

- Current Rating: 2 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Dielectric Withstanding: 1000V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

**P/N 200  $\frac{X}{1} - \frac{X}{2} \frac{X}{3} \frac{X}{4} B - \frac{X}{4}$**

1. CONNECTOR TYPE:  
"FZ" SMT TYPE W/O LOCATING PEG  
"FH" SMT TYPE WITH LOCATING PEG
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"R" W/O PAD IN TAPE & REEL

NOTE: THEY NEED NO PICK & PLACE PAD.

## 2.00MM(0.079") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=6.35MM

### SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

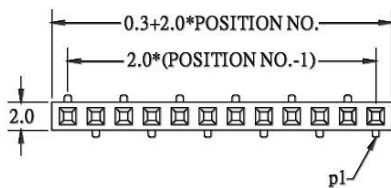
Operating Temperature: -40°C to +105°C

### MATERIALS

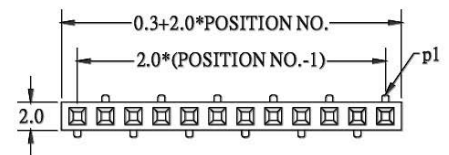
Insulator: LCP, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

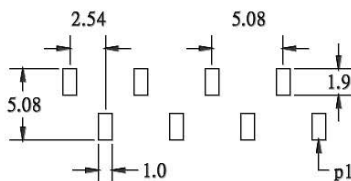
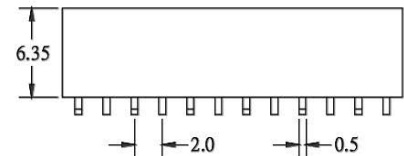
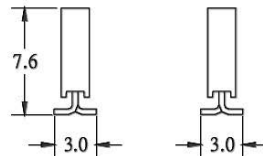
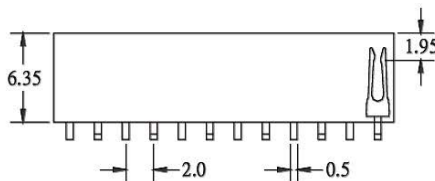
All materials must be RoHS compliant.



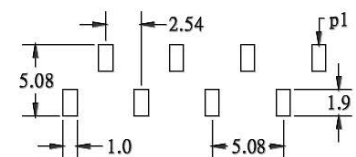
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20  $\frac{XXX}{1}$  -  $\frac{XXXX}{2}$  B -  $\frac{X}{4}$

1. PCB LAYOUT TYPE:

"H15" TYPE A

"H16" TYPE B

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

4. PAD & PACKAGE OPTION:

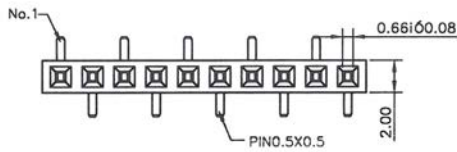
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

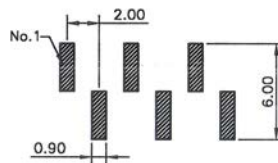
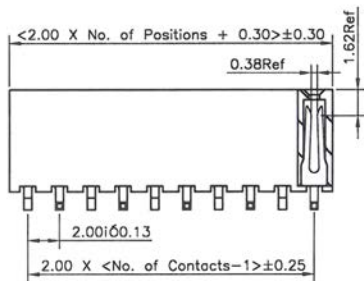
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

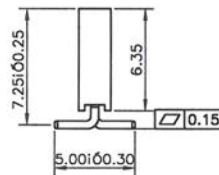
## 2.00MM PITCH FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=6.35MM



**20P19**



**Recommended P.C.Board Layout  
Type A**



### SPECIFICATIONS

**Current Rating:** 2A

**Withstanding Voltage:** 500VAC

**Insulation Resistance:** 1000MΩ Min.

**Contact Resistance:** 20mΩ Max

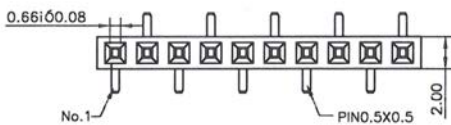
**Temperature Range:** -40°C to +105°C

### MATERIAL

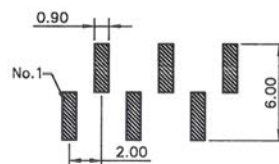
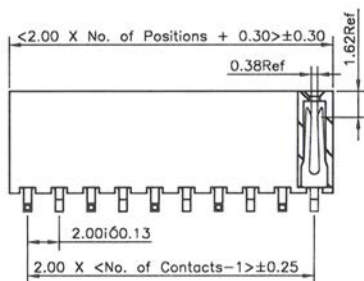
**Contact:** Phosphor Bronze

**Insulator:** Polyester, UL94V-0, LCP

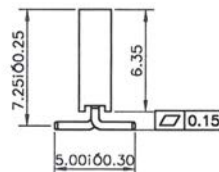
**All materials must be RoHS compliant.**



**20P20**



**Recommended P.C.Board Layout  
Type B**



### ORDERING INFORMATION:

**P/N 20  $\frac{P}{1} \frac{X}{2} \frac{X}{3} \frac{X}{4} \frac{B}{5} - X$**

1. CONNECTOR TYPE:

"P19" TYPE A

"P20" TYPE B

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR COLOR:

"B" BLACK

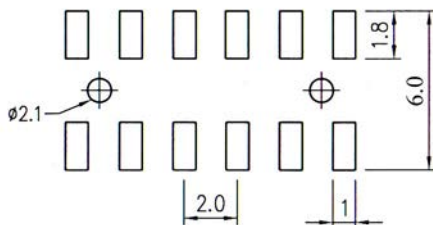
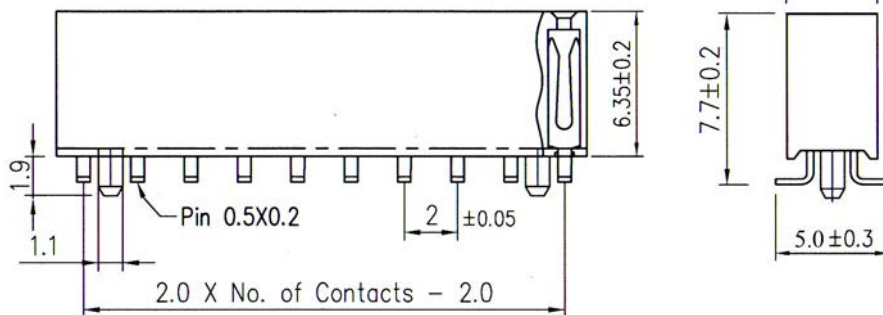
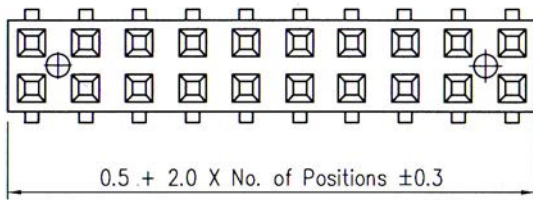
5. PACKAGE TYPE:

"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=6.35MM (1)



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 2.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 M $\Omega$  min.

**Contact Resistance:** 20m $\Omega$  Max.

**Operating Temperature:** -40 $^{\circ}$ c to + 105 $^{\circ}$ c

### MATERIALS

**Insulator:** Polyester, UL94V-0  
LCP

**Contacts:** Phosphor Bronze

**All materials must be RoHS compliant.**

### ORDERING INFORMATION:

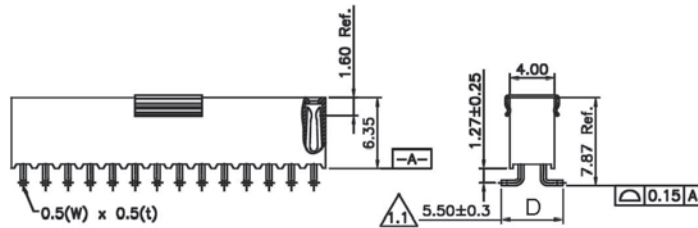
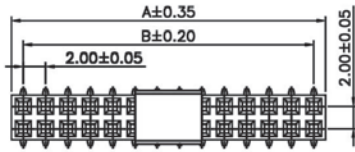
P/N 2 0 0  $\frac{xx}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. LOCATING PEG OPTION:  
"KT" W/O LOCATING PEG  
"DX" WITH LOCATING PEG
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL  
"F" WITH FILM IN TUBE  
"G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

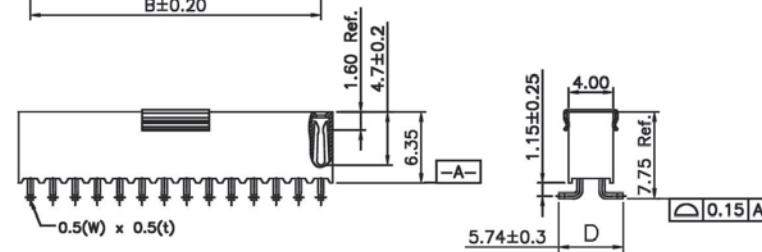
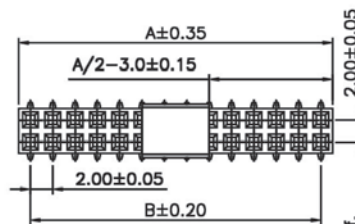
## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=6.35MM (2)



$$A = B + 2.11$$

$$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

**20H75**



$$A = B + 2.11$$

$$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

**20H76**

### SPECIFICATIONS

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

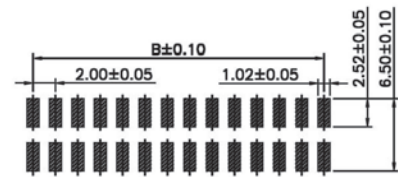
Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

1. CONTACT TYPE:

"H75" D=5.50MM

"H76" D=5.74MM

2. NO. OF CONTACTS:

004 ~ 060

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

"R" W/O PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

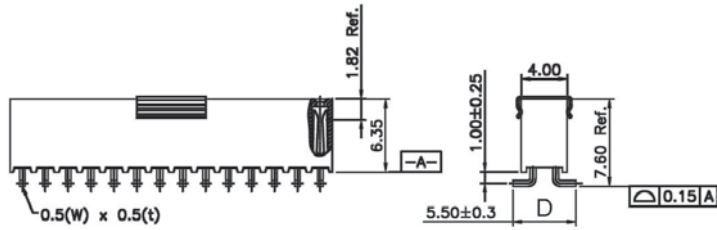
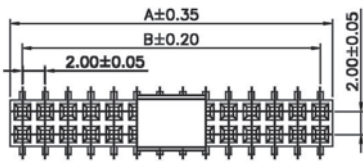
"G" WITH FILM IN TAPE & REEL

"0" IN TRAY

NOTE: PAD = PICK & PLACE PAD



## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=6.35MM (3)



$$A = B + 2.50$$

$$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

**20H77**

### SPECIFICATIONS

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

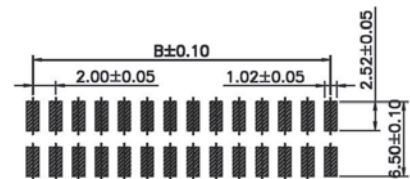
Operating Temperature: -40°C to +105°C

### MATERIALS

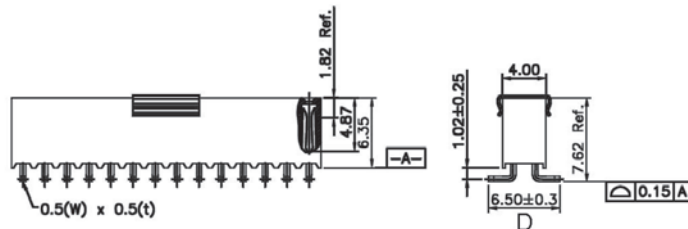
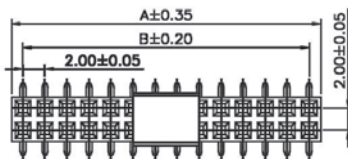
Insulator: NY6T UL94V-0, Black

Contact: Phosphor Bronze

All materials must be RoHS compliant.



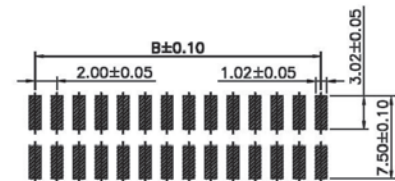
Recommended P.C. Board Layout



$$A = B + 2.50$$

$$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

**20H78**



Recommended P.C. Board Layout

### ORDERING INFORMATION:

P/N 20  $\frac{XXX}{1}$  -  $\frac{XXXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

1. CONTACT TYPE:

"H77" D=5.50MM

"H78" D=6.50MM

2. NO. OF CONTACTS:

004 ~ 060

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

"R" W/O PAD IN TAPE & REEL

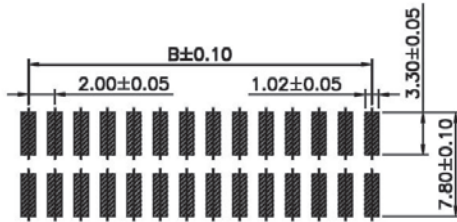
"F" WITH FILM IN TUBE

"G" WITH FILM IN TAPE & REEL

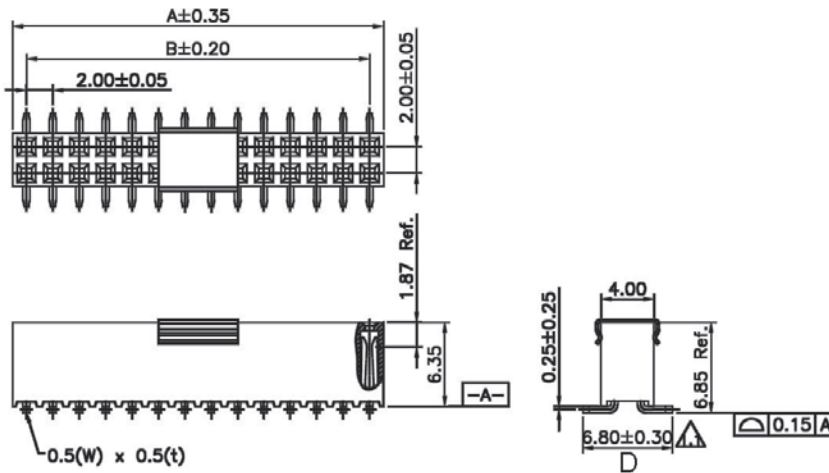
"0" IN TRAY

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=6.35MM (4)



Recommended P.C.Board Layout



$$A = B + 2.50$$

$$B = 2.00 \times (\text{NO. OF CONTACTS / ROW} - 1)$$

### SPECIFICATIONS

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Phosphor Bronze

All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 20  $\frac{H79}{1}$  -  $\frac{XXXX}{2}$   $\frac{B}{3}$  -  $\frac{X}{4}$

1. CONTACT TYPE:

"H79" D=6.80MM

2. NO. OF CONTACTS:

004 ~ 060

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

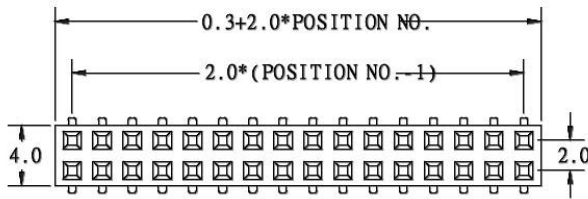
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

"0" IN TRAY

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=6.35MM (5)

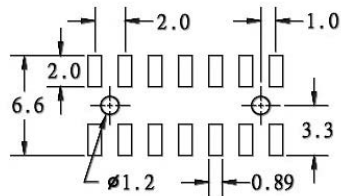
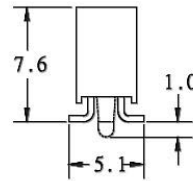
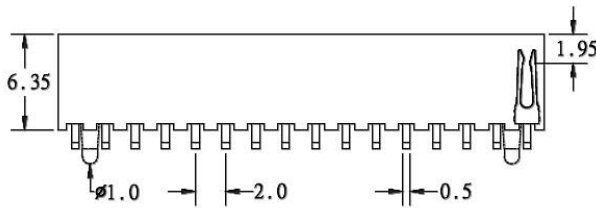


### SPECIFICATIONS

**Current Rating:** 1 Amp  
**Contact Resistance:** 30mΩ Max.  
**Insulator Resistance:** 3000 MΩ Min.  
**Dielectric Withstand:** 500V AC For 1 Min.  
**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** LCP, Glass Reinforced, UL94V-0  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

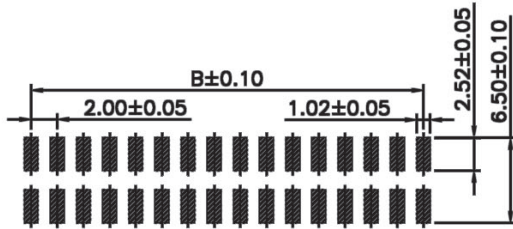
### ORDERING INFORMATION:

P/N 20  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$  S B -  $\frac{X}{4}$

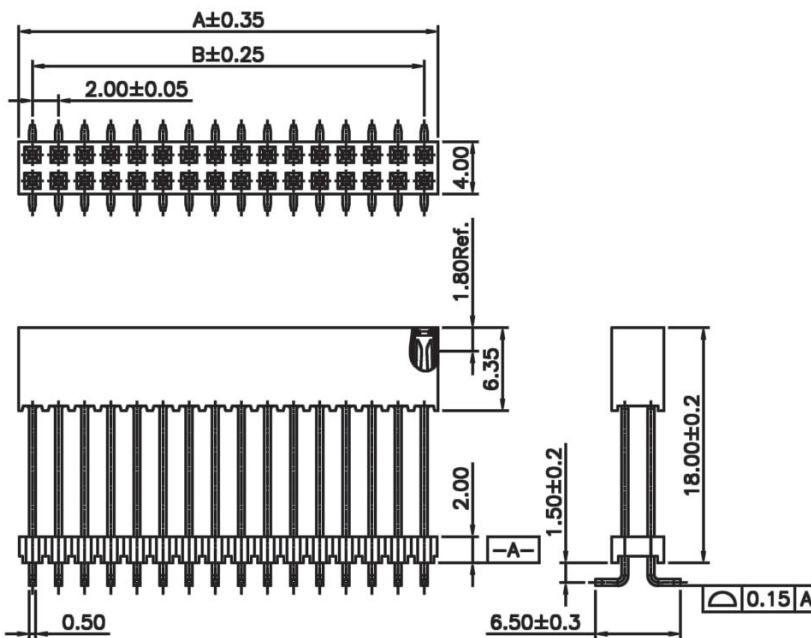
1. LOCATING PEG OPTION:  
"H49" WITHOUT LOCATING PEGS  
"H50" WITH LOCATING PEGS
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

**2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW  
SMT TYPE PROFILE=6.35MM (1)**



Recommended P.C.Board Layout



$A = B + 2.11$

$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

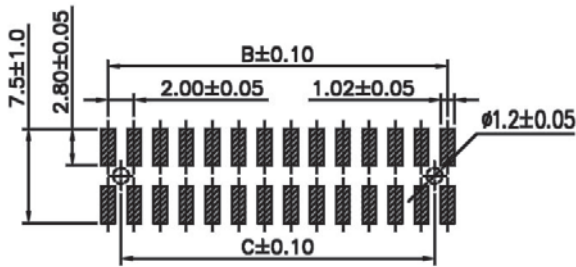
- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

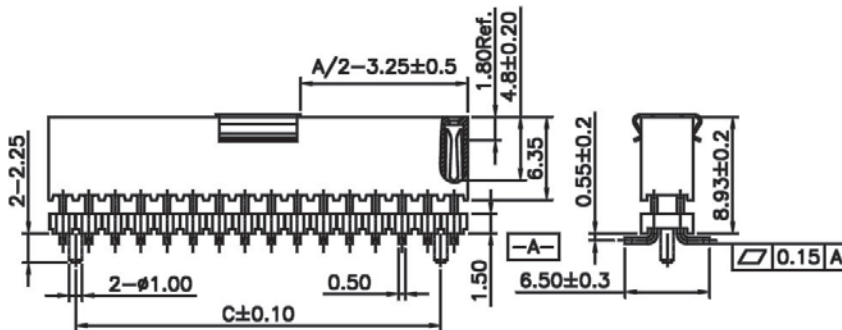
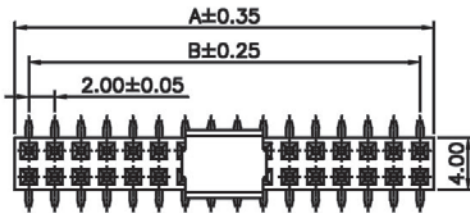
**P/N 20  $\frac{K10}{1}$  -  $\frac{x}{2}$   $\frac{x}{3}$   $\frac{x}{4}$  B -  $\frac{T}{4}$**

1. CONTACT TYPE:  
"K10" SMT TYPE WITHOUT LOCATING PEG
2. NO. OF CONTACTS:  
004 ~ 060
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE TYPE:  
"T" W/O PAD IN TUBE

**2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW  
SMT TYPE PROFILE=6.35MM (2)**



Recommended P.C.Board Layout



$A = B + 2.11$

$B = 2.00 \times (\text{NO. OF CONTACTS / ROW} - 1)$

$C = B - 2.00$

**SPECIFICATIONS**

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0, Black

Contact: Phosphor Bronze

All materials must be RoHS compliant.

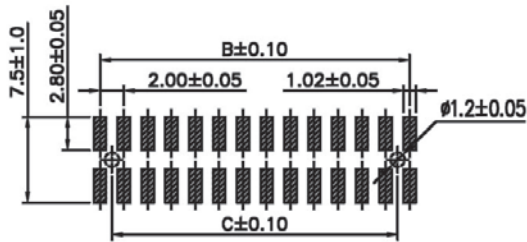
**ORDERING INFORMATION:**

**P/N 20  $\frac{K11}{1}$  -  $\frac{XXXX}{2}$   $\frac{B}{3}$  -  $\frac{X}{4}$**

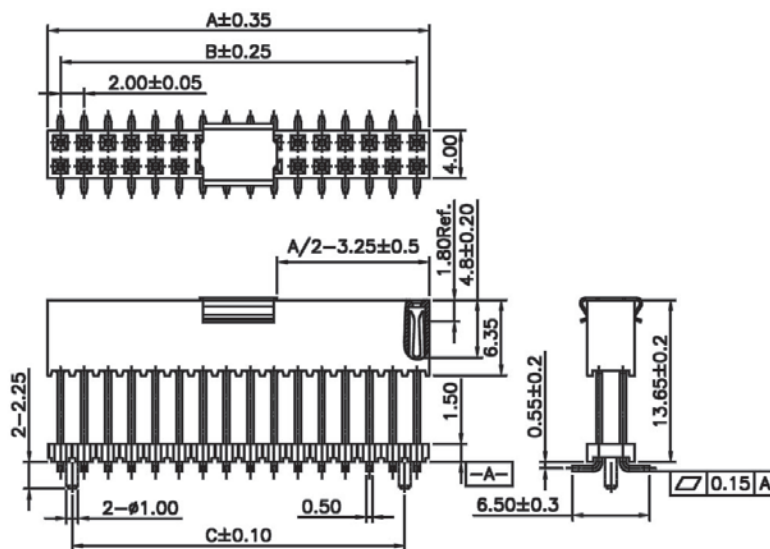
1. CONTACT TYPE:  
"K11" SMT TYPE WITH LOCATING PEGS
2. NO. OF CONTACTS:  
004 ~ 060
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE TYPE:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

**2.00MM(0.079") ELEVATED FEMALE HEADER DOUBLE ROW  
SMT TYPE PROFILE=6.35MM (3)**



Recommended P.C.Board Layout



$A = B + 2.11$

$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$

$C = B - 2.00$

**SPECIFICATIONS**

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0, Black

Contact: Phosphor Bronze

All materials must be RoHS compliant.

**ORDERING INFORMATION:**

**P/N 20  $\frac{K12}{1} - \frac{X}{2} \frac{X}{3} \frac{X}{4} B - \frac{X}{4}$**

1. CONTACT TYPE:  
"K12" SMT TYPE WITH LOCATING PEGS
2. NO. OF CONTACTS:  
004 ~ 060
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE TYPE:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") FEMALE HEADER RIGHT ANGLE SMT TYPE

### SPECIFICATIONS

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

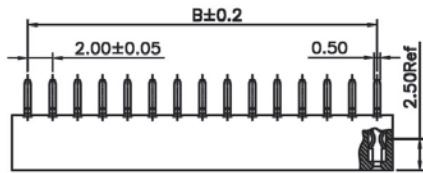
Operating Temperature: -40°C to +105°C

### MATERIALS

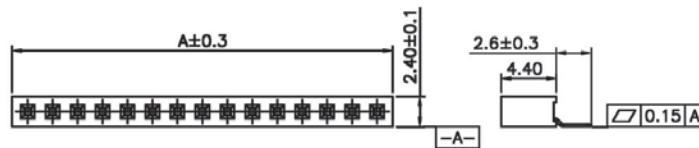
Insulator: NY6T UL94V-0, Black

Contact: Phosphor Bronze

All materials must be RoHS compliant.

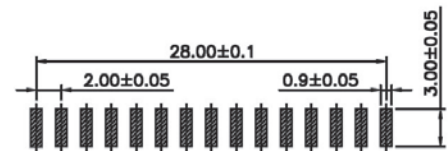


**20P11**

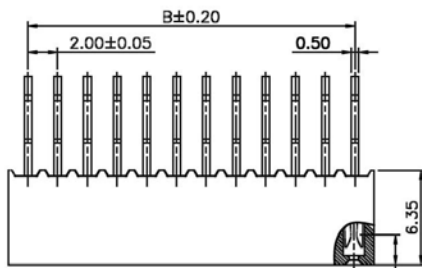


$$A = B + 2.50$$

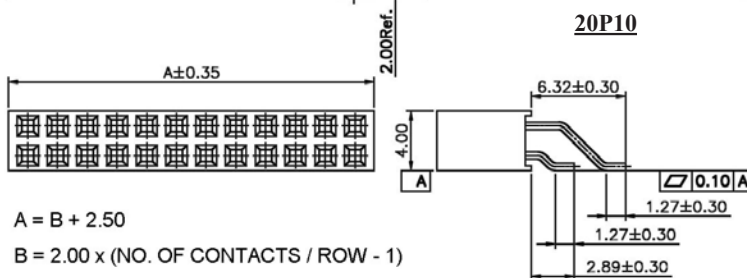
$$B = 2.00 \times (\text{NO. OF CONTACTS} - 1)$$



**Recommended P.C.Board Layout**

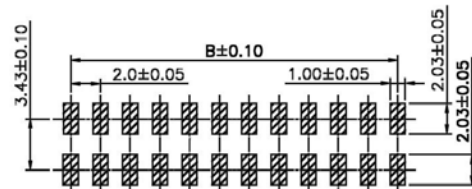


**20P10**



$$A = B + 2.50$$

$$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$



**Recommended P.C.Board Layout**

### ORDERING INFORMATION:

P/N 20  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

1. CONTACT TYPE:  
"P11" SINGLE ROW R/A SMT TYPE  
"P10" DOUBLE ROW R/A SMT TYPE
2. NO. OF CONTACTS:  
002 ~ 040 FOR SINGLE ROW  
004 ~ 060 FOR DOUBLE ROW
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"R" W/O PAD IN TAPE & REEL

## 2.00MM (0.079") FEMALE HEADER SINGLE ROW RIGHT ANGLE SMT TYPE

### SPECIFICATIONS

Current Rating: 3 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC/Min.

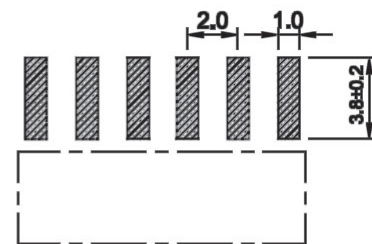
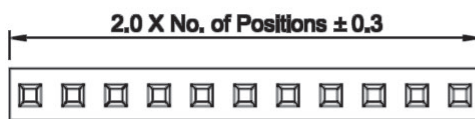
Operating Temperature: -40°C to +105°C

### MATERIALS

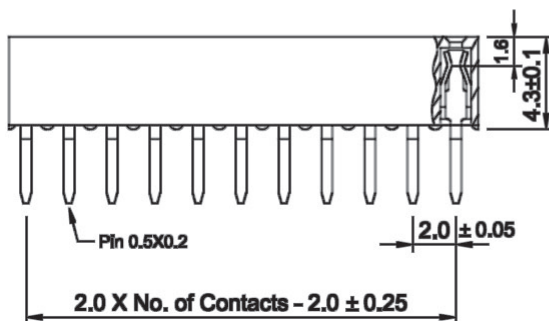
Insulator: NY6T UL94V-0

Contact: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



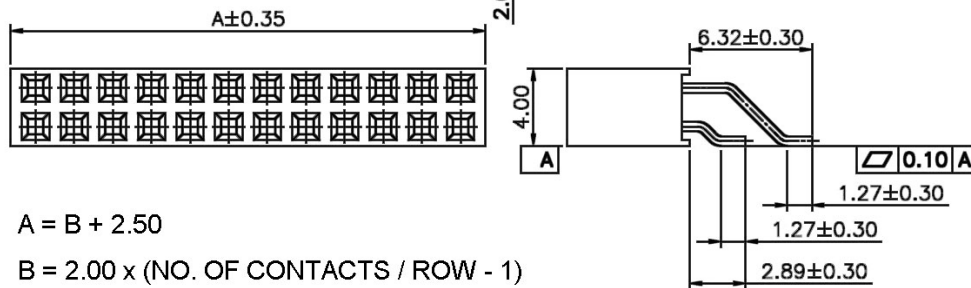
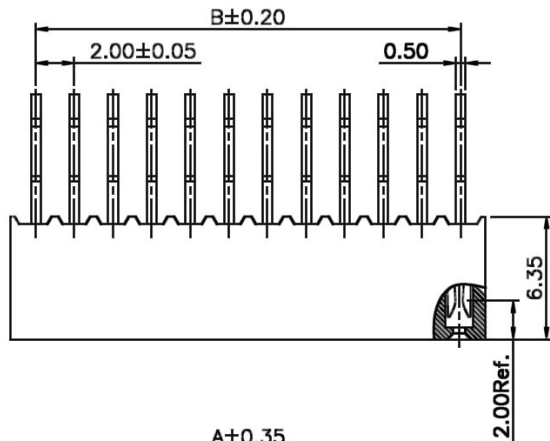
### ORDERING INFORMATION:

P/N 2 0 0  $\frac{C}{1} H - \frac{x}{2} \frac{x}{3} \frac{x}{4} B - \frac{x}{4}$

1. CONNECTOR TYPE:  
"CH" VERTICAL SMT TYPE
2. NO. OF CONTACTS:  
002 ~ 040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"R" W/O PAD IN TAPE & REEL

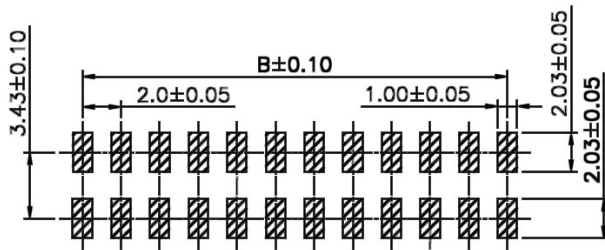


**2.00MM(0.079") FEMALE HEADER DOUBLE ROW  
RIGHT ANGLE SMT TYPE PROFILE=6.35MM**



$A = B + 2.50$

$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$



Recommended P.C.Board Layout

**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 100MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -25°C to +105°C

**MATERIALS**

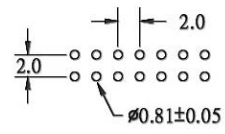
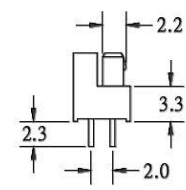
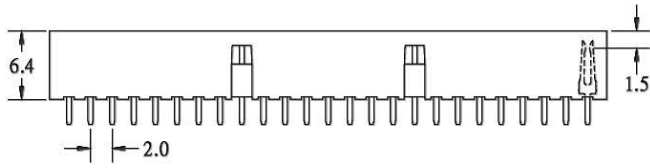
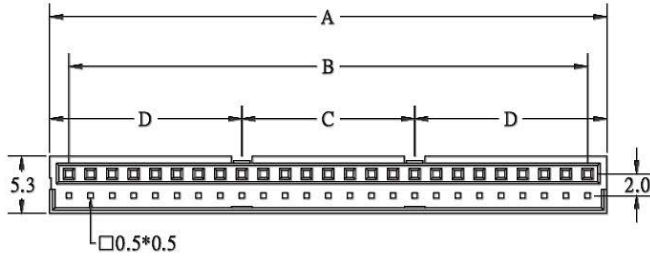
- Insulator: NY6T UL94V-0, Black
- Contact: Phosphor Bronze
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

**P/N 2 0 0  $\frac{LT}{1}$  -  $\frac{X}{2}$   $\frac{X}{3}$   $\frac{X}{4}$  B -  $\frac{X}{4}$**

1. CONTACT TYPE:  
"LT" RIGHT ANGLE SMT TYPE
2. NO. OF CONTACTS:  
004 ~ 060
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"R" W/O PAD IN TAPE & REEL

**2.00MM(0.079") BINARY (HEADER & SOCKET) CONNECTOR STRAIGHT DIP TYPE  
PROFILE=6.40MM**



Recommended P.C.Board Layout

**SPECIFICATIONS**

- Current Rating: 1 Amp
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 3000 MΩ Min.
- Dielectric Withstand: 500V AC For 1 Min.
- Operating Temperature: -40°c to +105°c

**MATERIALS**

- Insulator: LCP, Glass Reinforced, UL94V-0
- Contacts: Brass
- All materials must be RoHS compliant.

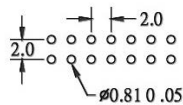
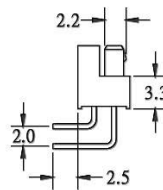
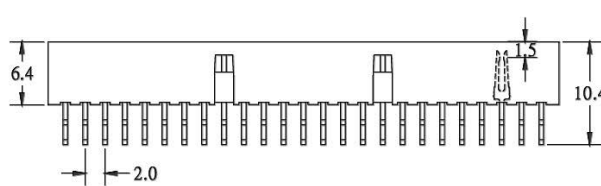
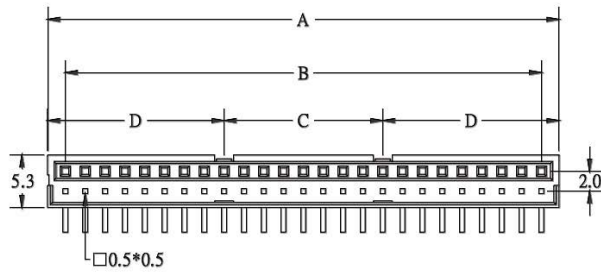
**ORDERING INFORMATION:**

**P/N 20 H41 - xxx S B**  
1                    2                    3

1. CONTACT TYPE:  
"H41" HEADER + SOCKET STRAIGHT TYPE
2. NO. OF CONTACTS:  
010, 020, 030, 040, 050, 060, 080
3. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED

NOTE: MATING WITH 20H41, 20H42, 20H43,  
20H44 & 20H45

**2.00MM(0.079") BINARY (HEADER & SOCKET) CONNECTOR  
RIGHT ANGLE DIP TYPE PROFILE=6.40MM (1)**



Recommended P.C.Board Layout

**SPECIFICATIONS**

- Current Rating: 1 Amp
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 3000 MΩ Min.
- Dielectric Withstand: 500V AC For 1 Min.
- Operating Temperature: -40°c to +105°c

**MATERIALS**

- Insulator: LCP, Glass Reinforced, UL94V-0
- Contacts: Brass
- All materials must be RoHS compliant.

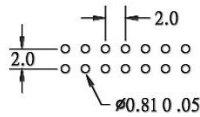
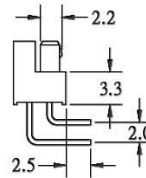
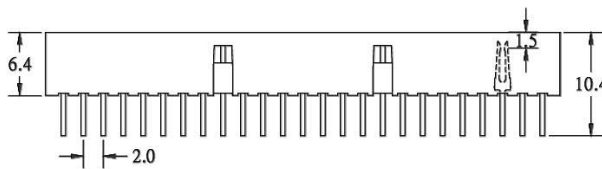
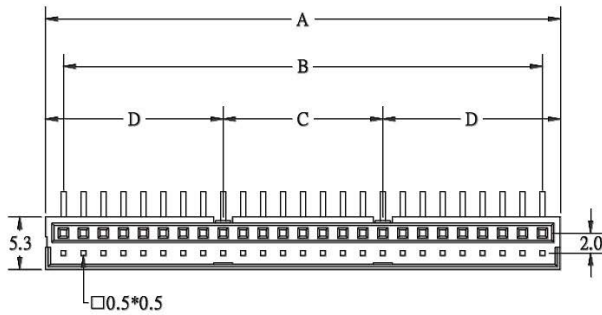
**ORDERING INFORMATION:**

**P/N 20 H42 - x x x S B**  
**1 2 3**

- CONTACT TYPE:  
"H42" HEADER + SOCKET RIGHT ANGLE TYPE
- NO. OF CONTACTS:  
010, 020, 030, 040, 050, 060, 080
- CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED

NOTE: MATING WITH 20H41, 20H42, 20H43,  
20H44 & 20H45

**2.00MM(0.079") BINARY (HEADER & SOCKET) CONNECTOR  
RIGHT ANGLE DIP TYPE PROFILE=6.40MM (2)**



Recommended P.C.Board Layout

**SPECIFICATIONS**

- Current Rating: 1 Amp
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 3000 MΩ Min.
- Dielectric Withstand: 500V AC For 1 Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: LCP, Glass Reinforced, UL94V-0
- Contacts: Brass
- All materials must be RoHS compliant.

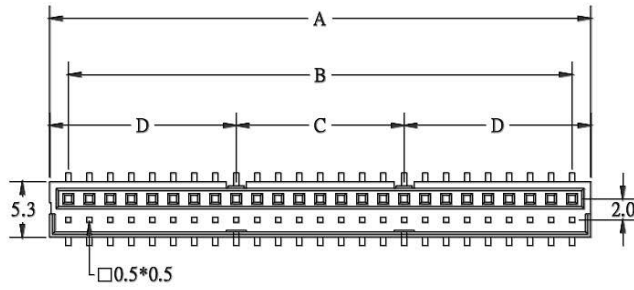
**ORDERING INFORMATION:**

**P/N 20 H43 - x x x S B**  
1                    2                    3

1. CONTACT TYPE:  
"H43" HEADER + SOCKET RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
010, 020, 030, 040, 050, 060, 080
3. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED

NOTE: MATING WITH 20H41, 20H42, 20H43,  
20H44 & 20H45

## 2.00MM(0.079") BINARY (HEADER & SOCKET) CONNECTOR SMT TYPE PROFILE=6.40MM

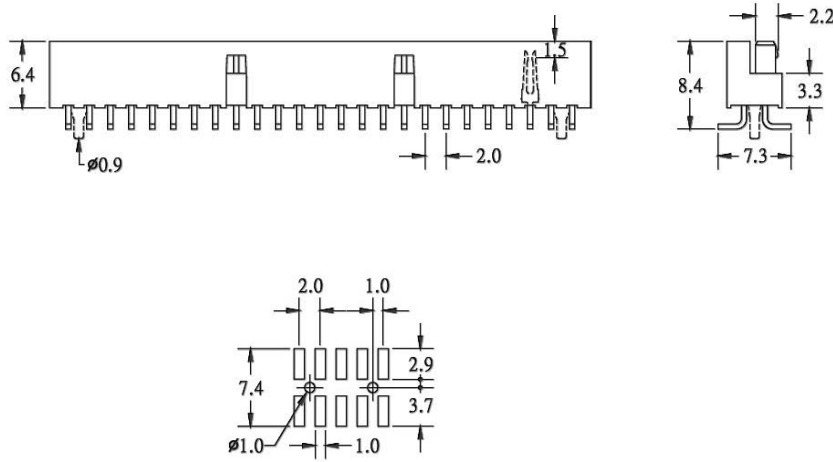


### SPECIFICATIONS

**Current Rating:** 1 Amp  
**Contact Resistance:** 30mΩ Max.  
**Insulator Resistance:** 3000 MΩ Min.  
**Dielectric Withstand:** 500V AC For 1 Min.  
**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** LCP, Glass Reinforced, UL94V-0  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

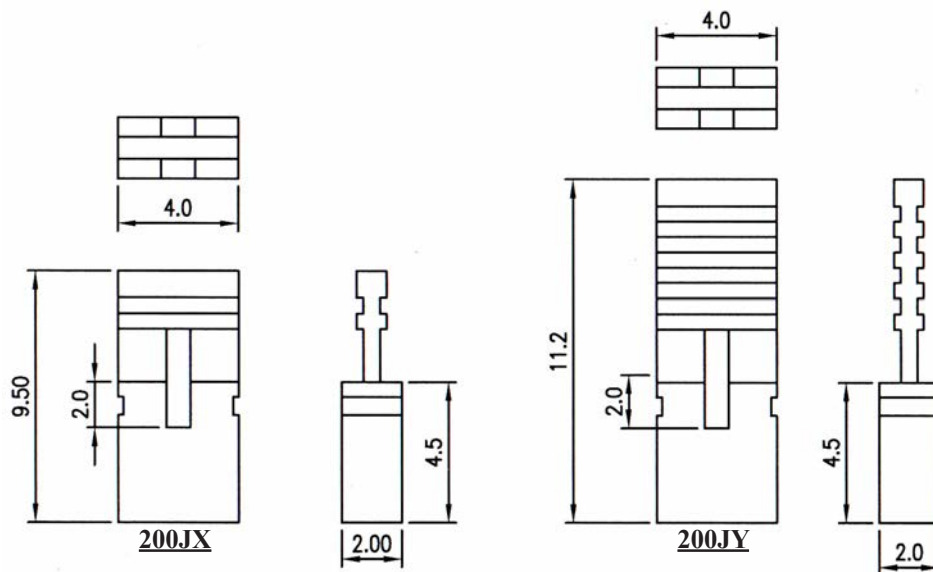
### ORDERING INFORMATION:

P/N 20  $\frac{xxx}{1}$  -  $\frac{xxx}{2}$   $\frac{S}{3}$  B -  $\frac{x}{4}$

1. LOCATING PEG OPTION:  
"H44" WITHOUT LOCATING PEGS  
"H45" WITH LOCATING PEGS
2. NO. OF CONTACTS:  
010, 020, 030, 040, 050, 060, 080
3. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED
4. PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: MATING WITH 20H41, 20H42, 20H43,  
20H44 & 20H45

## 2.00MM(0.079") MINI JUMPERS

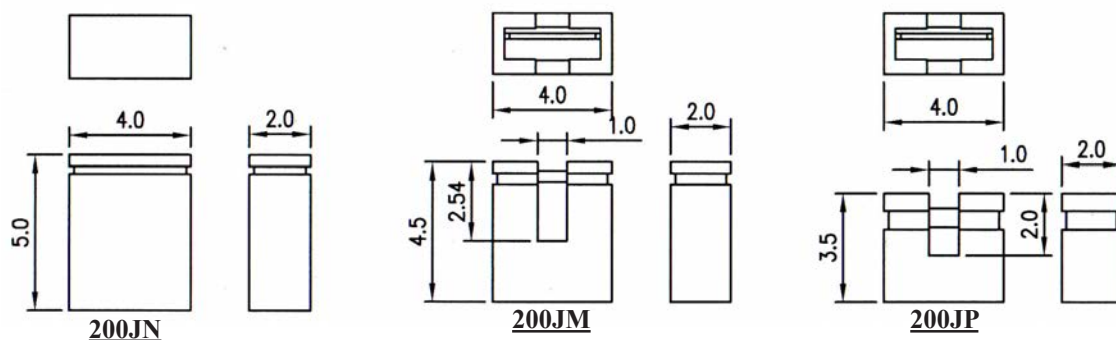


### SPECIFICATIONS

Current Rating: 2.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: Glass, UL94V-0  
 P.B.T. or NY66  
 Contacts: Phosphor Bronze  
 All materials must be RoHS compliant.



### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  - 002  $\frac{XXX}{234}$

#### 1. HEIGHT & TYPE:

"JM" 4.5mm OPEN TYPE  
 "JN" 5.0mm CLOSE TYPE  
 "JP" 3.5mm OPEN TYPE  
 "JX" 9.5mm OPEN TYPE  
 "JY" 11.2mm OPEN TYPE

#### 2. CONTACT FINISH:

"G" FULL GOLD PLATED  
 "T" FULL TIN PLATED

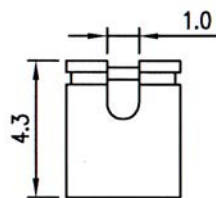
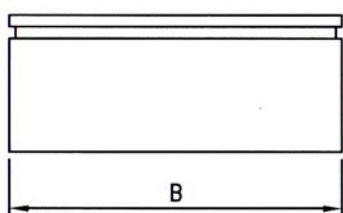
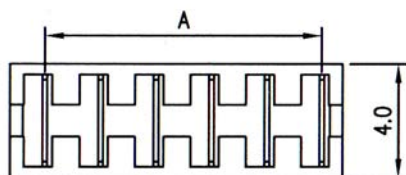
#### 3. INSULATOR COLOR:

"B" BLACK (STANDARD)  
 "R" RED  
 "A" GRAY  
 "N" GREEN  
 "W" WHITE  
 "Y" YELLOW  
 "U" BLUE

#### 4. GOLD PLATING THICKNESS:

" " GOLD FLASH  
 "10" 10 MICROINCH GOLD

## 2.00MM(0.079") MULTIPOSITION MINI JUMPER



### SPECIFICATIONS

**Current Rating:** 2.0 Amp

**Dielectric Withstand:** 1000V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -55°C to + 125°C

### MATERIALS

**Insulator:** Polyester, UL94V-0

P.B.T

**Contacts:** Phosphor Bronze

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
04	2.00	4.00
06	4.00	6.00
08	6.00	8.00
10	8.00	10.00
12	10.00	12.00
14	12.00	14.00
16	14.00	16.00
18	16.00	18.00
20	18.00	20.00

### ORDERING INFORMATION:

**P/N 200JZ -  $\frac{x}{1} \frac{x}{2} \frac{x}{3} x$**

1. NO. OF CONTACTS:

002 ~ 020

2. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

3. INSULATOR COLOR:

"B" BLACK (STANDARD)

"R" RED

"A" GRAY

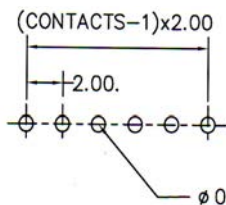
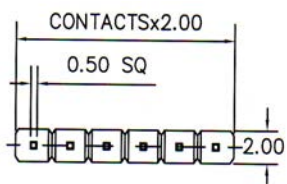
"N" GREEN

"U" BLUE

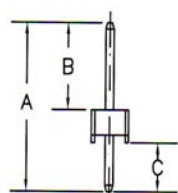
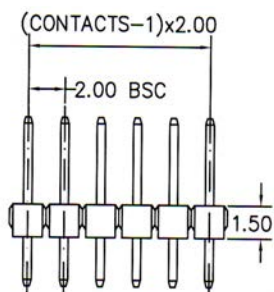
"W" WHITE

"Y" YELLOW

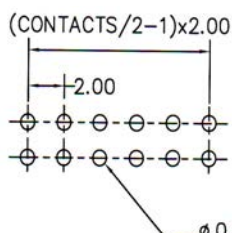
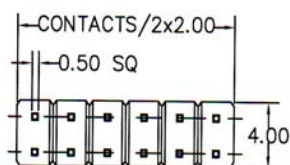
## 2.00MM(0.079") PIN HEADER STRAIGHT TYPE PROFILE=1.50MM



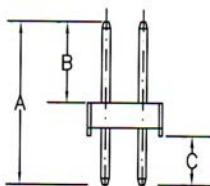
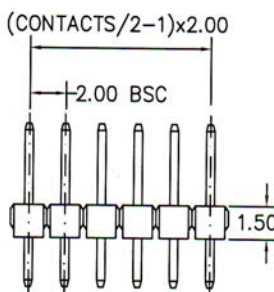
Recommended P.C.Board Layout



**SINGLE ROW**



Recommended P.C.Board Layout



**DOUBLE ROW**

### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 1000V AC

**Insulator Resistance:** 5000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0

Nylon-6T

**Contacts:** Copper Alloy

**All materials must be RoHS compliant.**

SINGLE ROW	DOUBLE ROW	Dimensions(mm)		
		A	B	C
M47	M56	7.90	4.00	2.40
M48	M57	7.90	3.70	2.70
M49	M58	8.20	4.00	2.70
M50	M59	9.00	5.00	2.50
M51	M60	9.50	5.30	2.70
M52	M61	11.10	6.90	2.70
M53	M62	17.50	11.00	5.00
M54	M63	19.50	15.00	3.00
M55	M64	22.30	17.80	3.00
P21	P22	8.70	4.40	2.80

### ORDERING INFORMATION:

P/N 2 0 M x x - x x x x B  
1 2 3

#### 1. CONNECTOR TYPE:

M47, M48, M49, M50, M51, M52, M53,  
M54, M55, M56, M57, M58, M59, M60,  
M61, M62, M63, M64, P21, P22

#### 2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW  
004 ~ 080 FOR DOUBLE ROW

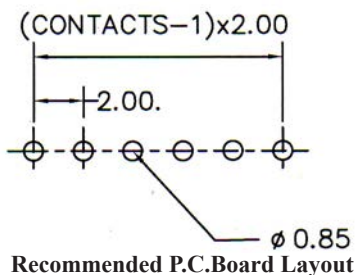
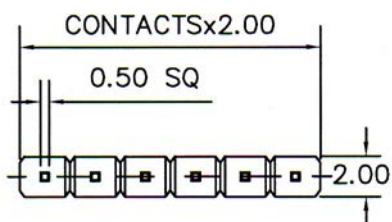
#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!



## 2.00MM(0.079") PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=1.50MM

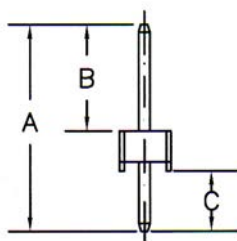
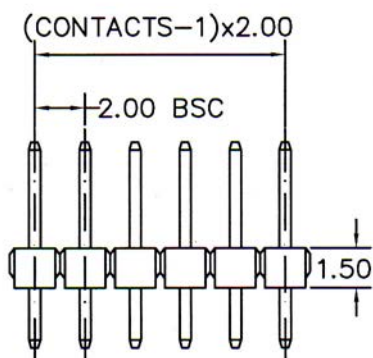


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloys  
**All materials must be RoHS compliant.**



### ORDERING INFORMATION:

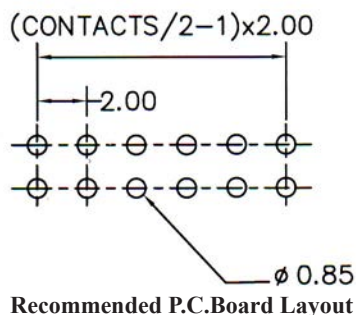
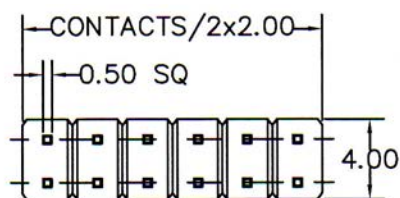
**CODE: 2 0 1  $\frac{1}{1}$  S  $\frac{1}{1}$  -  $\frac{A}{2}$ / $\frac{B}{2}$ / $\frac{C}{2}$  -  $\frac{x}{3}$  $\frac{x}{3}$  $\frac{x}{4}$  $\frac{x}{4}$  B**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{x}{YY}$  $\frac{x}{MM}$  $\frac{x}{DD}$  -  $\frac{x}{3}$  $\frac{x}{3}$  $\frac{x}{4}$  $\frac{x}{4}$  B**

1. EXTERIOR CODE:  
1S1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 040
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=1.50MM

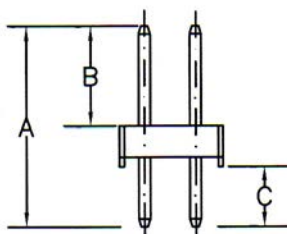
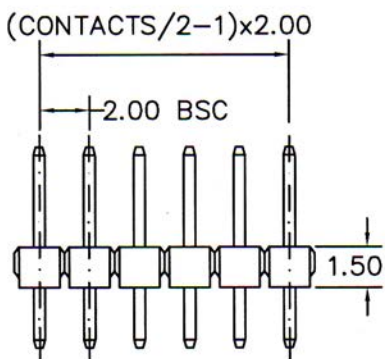


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloys  
**All materials must be RoHS compliant.**



### ORDERING INFORMATION:

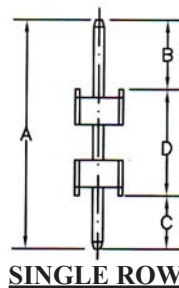
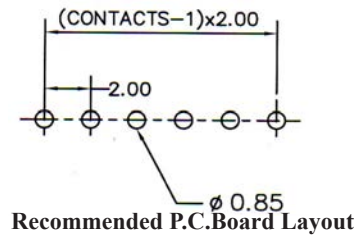
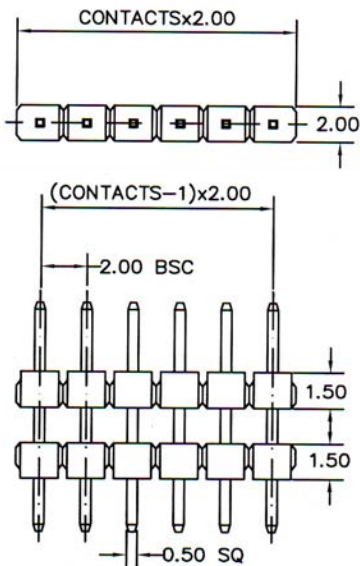
**CODE: 2 0 3 2 S 1 - A/B/C - x x x x B**  
 1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**  
 YY MM DD 3 4

1. EXTERIOR CODE:  
2S1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
004 ~ 080
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") PIN HEADER DUAL BODY STRAIGHT TYPE PROFILE=1.50MM

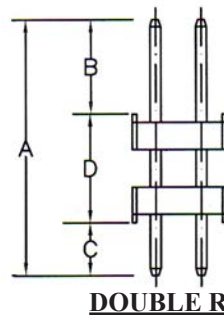
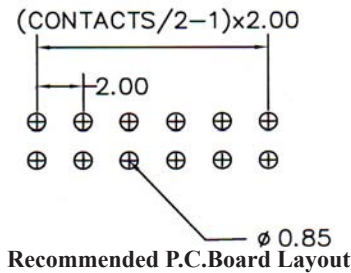
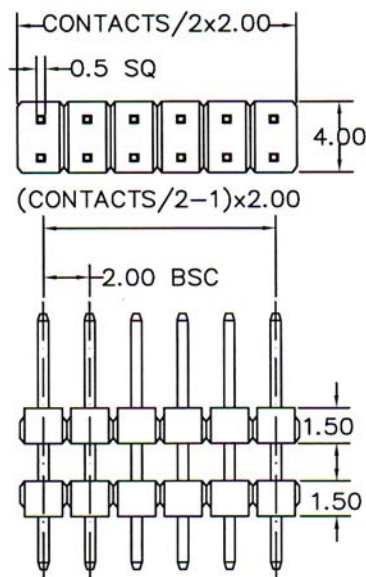


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**



SINGLE ROW	DOUBLE ROW	Dimensions(mm)			
		A	B	C	D
M65	M78	8.20	4.00	2.80	1.40
M66	M79	9.60	4.00	2.80	2.80
M67	M80	10.10	4.00	2.80	3.30
M68	M81	11.60	4.00	2.80	4.80
M69	M82	13.60	4.00	2.80	6.80
M70	M83	14.10	4.00	2.80	7.30
M71	M84	14.30	4.00	2.80	7.50
M72	M85	15.10	4.00	2.80	8.30
M73	M86	15.60	4.00	2.80	8.80
M74	M87	17.10	4.00	2.80	10.30
M75	M88	19.10	4.00	2.80	12.30
M76	M89	21.10	4.00	2.80	14.30
M77	M90	28.20	4.00	2.80	21.40

### ORDERING INFORMATION:

P/N 20  $\frac{M_{xx}}{1} - \frac{xxx}{2} \frac{B}{3}$

#### 1. CONNECTOR TYPE:

M65, M66, M67, M68, M69, M70, M71, M72, M73, M74, M75, M76, M77, M78, M79, M80, M81, M82, M83, M84, M85, M86, M87, M88, M89, M90

#### 2. NO. OF CONTACTS:

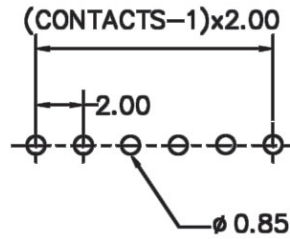
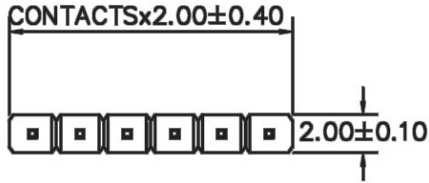
002 ~ 040 FOR SINGLE ROW  
 004 ~ 080 FOR DOUBLE ROW

#### 3. CONTACT FINISH:

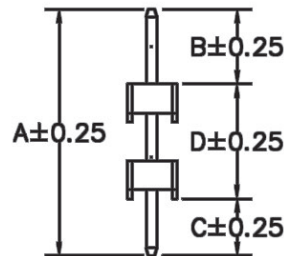
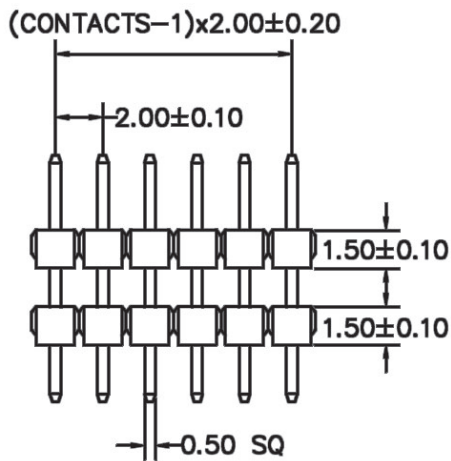
"G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

## 2.00MM (0.079") PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1A  
Contact Resistance: 20mΩ Max.  
Insulator Resistance: 5000MΩ Min.  
Withstanding Voltage: AC 1000V  
Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black  
Contact: Copper Alloy  
All materials must be RoHS compliant.

### ORDERING INFORMATION:

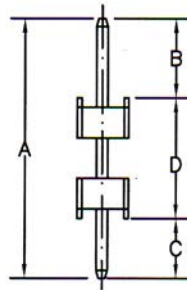
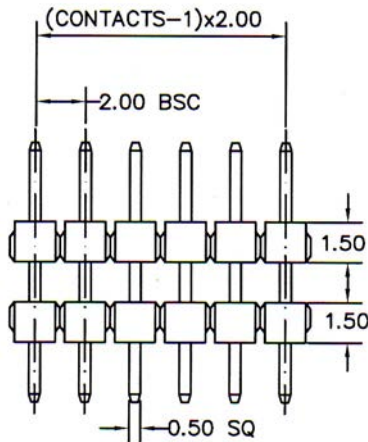
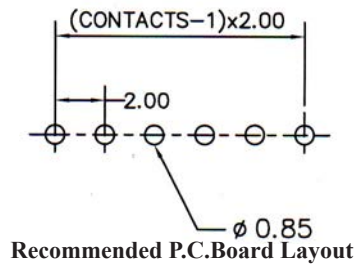
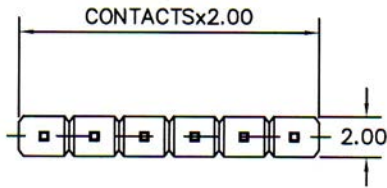
CODE: 2 0 1 1 S 2 - A/B/C/D - x x x x B  
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B  
YY MM DD 3 4

1. EXTERIOR CODE:  
1S2
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 040
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=1.50MM



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 1000V AC

**Insulator Resistance:** 5000 M $\Omega$  min.

**Contact Resistance:** 20m $\Omega$  Max.

**Operating Temperature:** -55 $^{\circ}$ C to + 105 $^{\circ}$ C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0

Nylon-6T

**Contacts:** Copper Alloy

**All materials must be RoHS compliant.**

### ORDERING INFORMATION:

**CODE: 2 0 1  $\frac{1}{1}$  S  $\frac{3}{2}$  -  $\frac{A}{B/C/D}$  -  $\frac{x}{3} \frac{x}{4} B$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{x}{YY} \frac{x}{MM} \frac{x}{DD} x - \frac{x}{3} \frac{x}{4} B$**

1. EXTERIOR CODE:

1S3

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

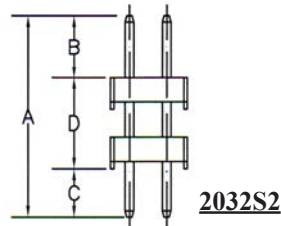
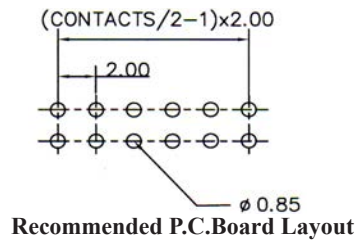
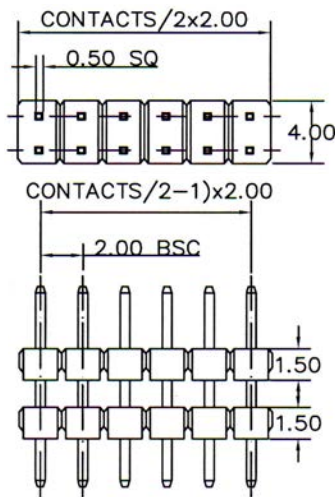
4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=1.50MM

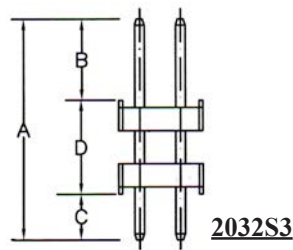
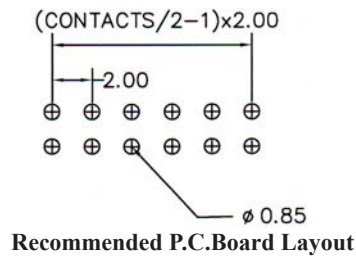
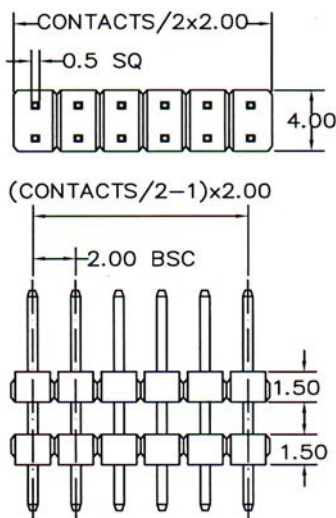


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloys  
 All materials must be RoHS compliant.



### ORDERING INFORMATION:

**CODE: 2 0 3 2 S x - A/B/C/D - x x x x B**

1                      2                      3                      4

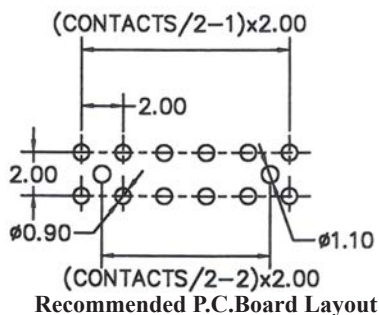
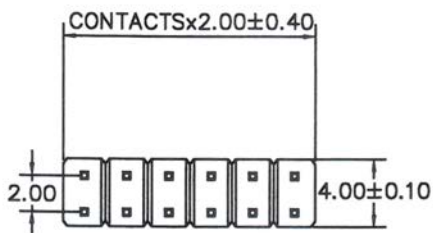
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**

YY MM DD                      3                      4

1. EXTERIOR CODE:  
 "2S2" SEE DRAWING!  
 "2S3" SEE DRAWING!
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
 004 ~ 080
4. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

## 2.00MM(0.079") PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=1.50MM

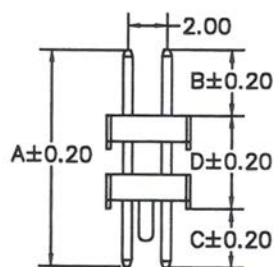
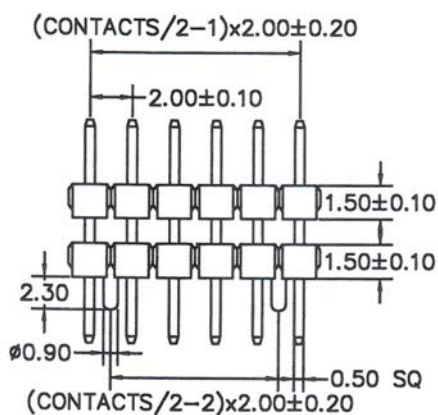


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 M $\Omega$  min.  
**Contact Resistance:** 20m $\Omega$  Max.  
**Operating Temperature:** -55 $^{\circ}$ c to + 105 $^{\circ}$ c

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloys  
 All materials must be RoHS compliant.



### ORDERING INFORMATION:

**CODE: 2 0 3 2 S P - A/B/C/D - x x x x B**  
 1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**  
 YY MM DD 3 4

1. EXTERIOR CODE:  
2SP
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
004 ~ 080
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM (0.079") PIN HEADER QUAD ROW STRAIGHT TYPE PROFILE=1.50MM

### SPECIFICATIONS

Current Rating: 3 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

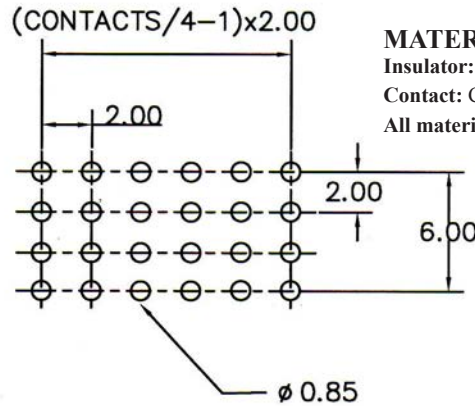
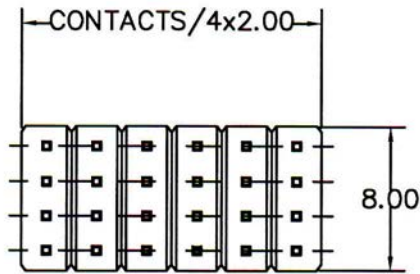
Operating Temperature: -55°C to +105°C

### MATERIALS

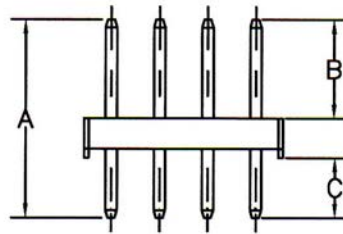
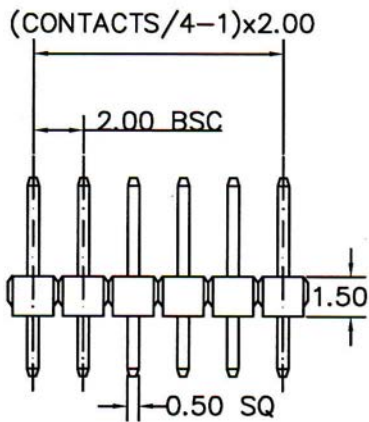
Insulator: NY6T UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout



P/N	DIMENSIONS(MM)		
	A	B	C
200QA	8.3	4.4	2.4
200QE	8.2	3.9	2.8

### ORDERING INFORMATION:

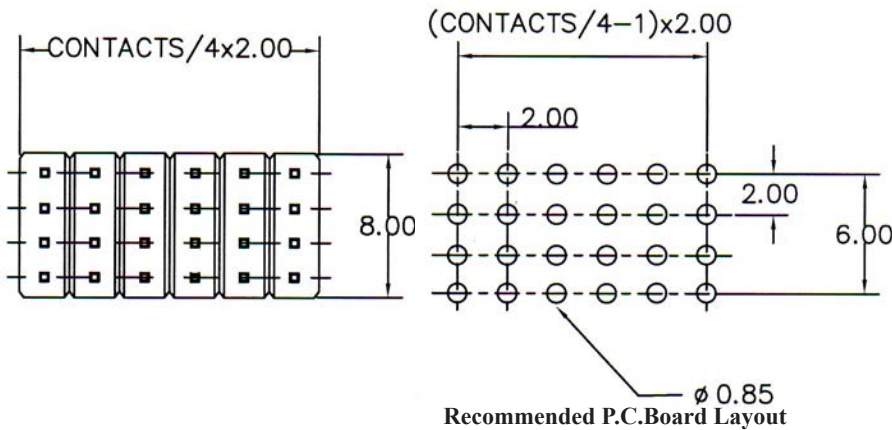
P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

1. DIMENSION A, B, C:  
QA, QE
2. NO. OF CONTACTS:  
024 ~ 120
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!



## 2.00MM(0.079") PIN HEADER QUAD ROW STRAIGHT TYPE PROFILE=1.50MM

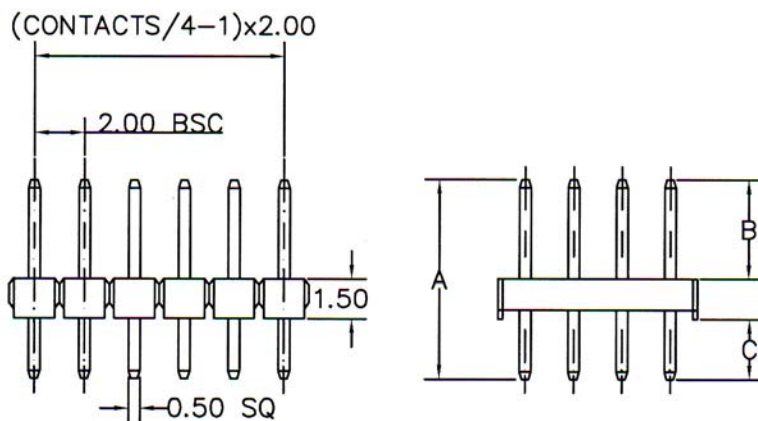


### SPECIFICATIONS

**Current Rating:** 3.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 1000 M $\Omega$  min.  
**Contact Resistance:** 20m $\Omega$  Max.  
**Operating Temperature:** -55 $^{\circ}$ C to + 105 $^{\circ}$ C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**



### ORDERING INFORMATION:

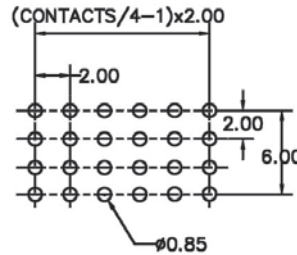
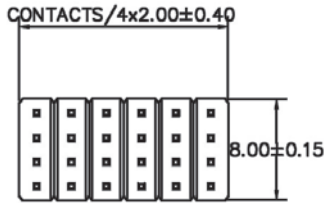
**CODE: 2 0 4 4 S 1 - A/B/C - x x x x B**  
 $\frac{1}{1} \quad \frac{2}{2} \quad \frac{3}{3} \quad \frac{4}{4}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

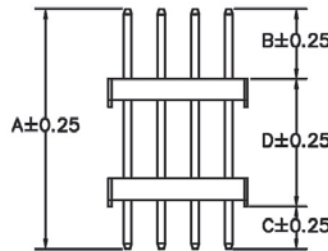
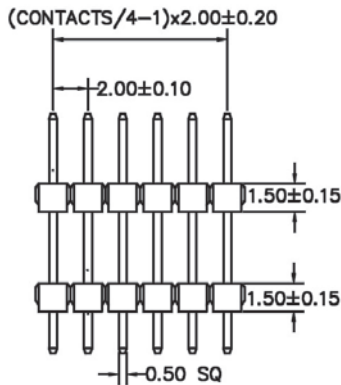
**P/N P x x x x x x x - x x x x B**  
 $\frac{1}{YY} \frac{2}{MM} \frac{3}{DD} \quad \frac{4}{3} \quad \frac{5}{4}$

1. EXTERIOR CODE:  
4S1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
008 ~ 120
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM (0.079") PIN HEADER QUAD ROW STRAIGHT DIP TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Dielectric Strength: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: NY6T, UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

QUAD ROW	DIMENSIONS(MM)			
	A	B	C	D
N26	8.2	4.0	2.8	1.4
N27	9.6	4.0	2.8	2.8
N28	10.1	4.0	2.8	3.3
N29	11.6	4.0	2.8	4.8
N30	13.6	4.0	2.8	6.8
N31	14.1	4.0	2.8	7.3
N32	14.3	4.0	2.8	7.5
N33	15.1	4.0	2.8	8.3
N34	15.6	4.0	2.8	8.8
N35	17.1	4.0	2.8	10.3
N36	19.1	4.0	2.8	12.3
N37	21.1	4.0	2.8	14.3
N38	28.2	4.0	2.8	21.4
P23	12.4	4.4	2.4	5.6

### ORDERING INFORMATION:

P/N 20  $\frac{1}{\text{XXX}}$  -  $\frac{2}{\text{XXX}}$   $\frac{3}{\text{X}}$  B

#### 1. PIN LENGTH:

N26, N27, N28, N29, N30, N31, N32,  
N33, N34, N35, N36, N37, N38, P23

#### 2. NO. OF CONTACTS:

008 ~ 120

#### 3. CONTACT FINISH:

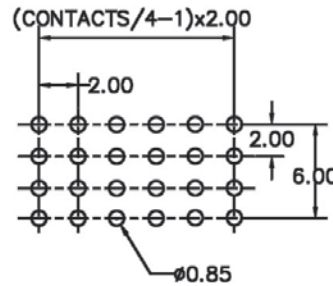
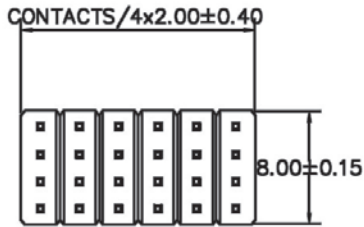
"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

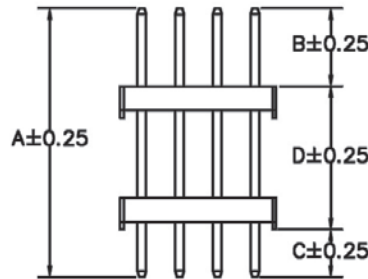
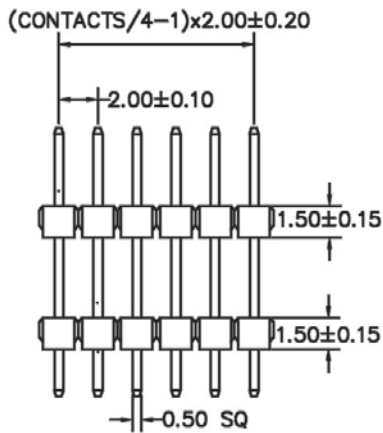
"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

## 2.00MM (0.079") PIN HEADER QUAD ROW STRAIGHT DIP TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: NY6T, UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 0 4 4 S 2 -  $\frac{A}{1}$ / $\frac{B}{2}$ / $\frac{C}{3}$ / $\frac{D}{4}$  - x x x x B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{xx}{yy}$   $\frac{xxx}{mm}$   $\frac{xxx}{dd}$  x -  $\frac{xxx}{3}$   $\frac{x}{4}$  B

1. EXTERIOR CODE:

4S2

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

008 ~ 120

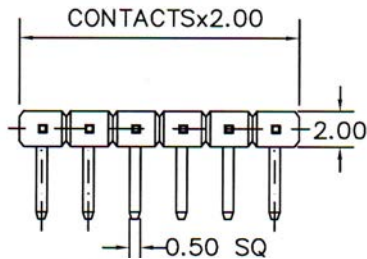
4. CONTACT FINISH:

"G" FULL GOLD PLATED

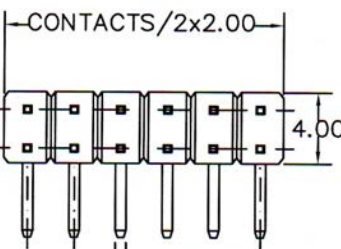
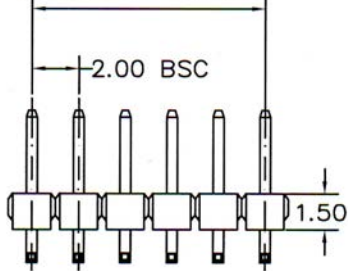
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

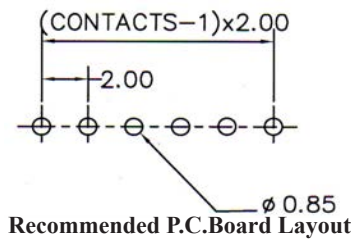
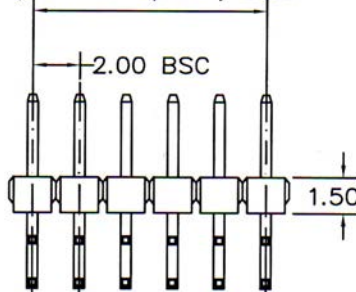
## 2.00MM(0.079") PIN HEADER RIGHT ANGLE DIP TYPE PROFILE=1.50MM



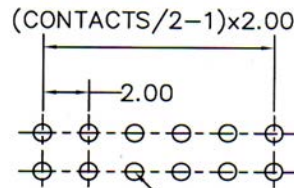
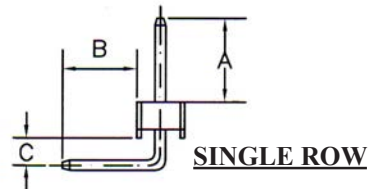
(CONTACTS-1)x2.00



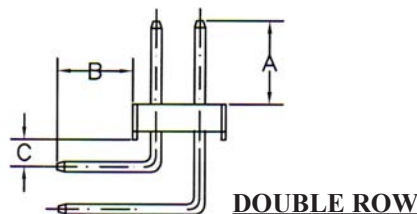
(CONTACTS/2-1)x2.00



Recommended P.C.Board Layout



Recommended P.C.Board Layout



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 1000V AC

**Insulator Resistance:** 5000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0

Nylon-6T

**Contacts:** Copper Alloy

**All materials must be RoHS compliant.**

SINGLE ROW	A	B	C
M91	4.0	2.8	1.4
M92	3.8	3.0	1.4
M93	3.0	3.0	1.4
Q01	4.0	2.4	1.0
P24	4.4	2.8	1.4

DOUBLE ROW	A	B	C
M94	4.0	2.8	1.4
M95	3.7	3.0	1.4
M96	6.0	2.8	1.4
Q02	4.0	2.4	1.5
P25	4.4	2.8	1.4

### ORDERING INFORMATION:

P/N 20 M<sub>1</sub> x<sub>2</sub> x<sub>3</sub> - x<sub>2</sub> x<sub>3</sub> x<sub>3</sub> B

#### 1. CONNECTOR TYPE:

M91, M92, M93, Q01, P24

M94, M95, M96, Q02, P25

#### 2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

#### 3. CONTACT FINISH:

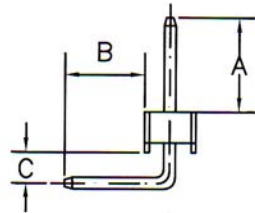
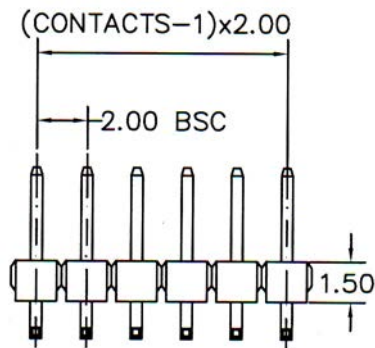
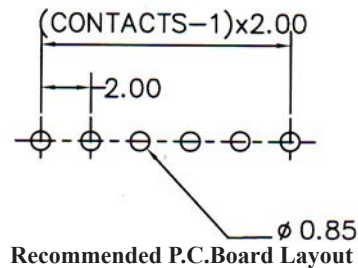
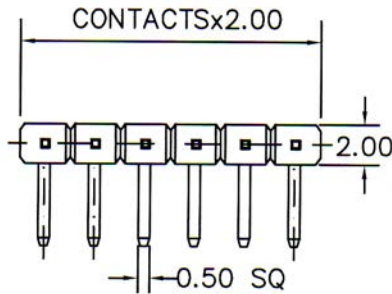
"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

## 2.00MM(0.079") PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=1.50MM



### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 1000V AC

Insulator Resistance: 5000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 0 1  $\frac{1}{1}$  D 1 -  $\frac{A}{B/C}$  -  $\frac{x}{3}$   $\frac{x}{4}$  B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{xx}{yy}$   $\frac{xxx}{mm}$   $\frac{xxx}{dd}$  -  $\frac{xxx}{3}$   $\frac{x}{4}$  B

1. EXTERIOR CODE:

1D1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

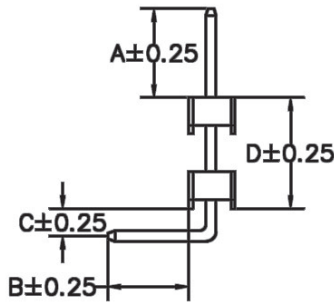
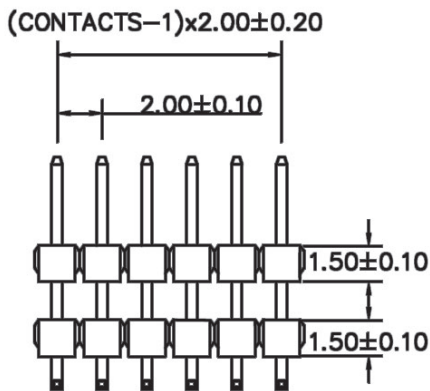
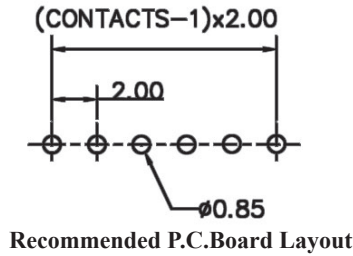
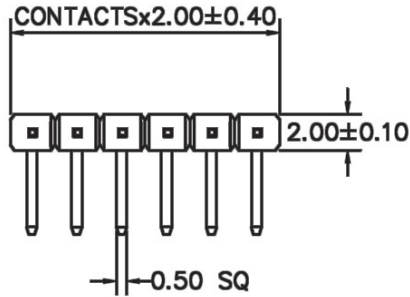
4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

**2.00MM (0.079") PIN HEADER SINGLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=1.50MM**



**SPECIFICATIONS**

Current Rating: 1 A  
Contact Resistance: 20mΩ Max.  
Insulator Resistance: 5000MΩ Min.  
Withstanding Voltage: 1000V AC/Min.  
Operating Temperature: -55°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0  
Contact: Copper Alloy  
All materials must be RoHS compliant.

**ORDERING INFORMATION:**

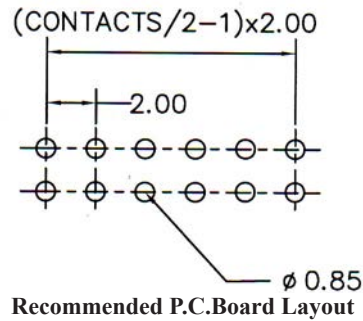
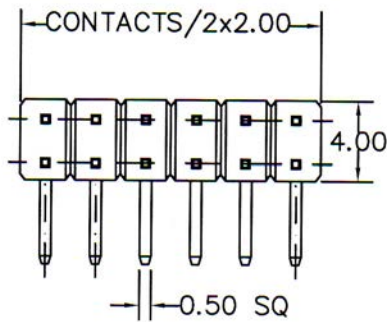
**CODE: 2 0 1 1 D 4 - A/B/C/D - x x x x B**  
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**  
YY MM DD 3 4

1. EXTERIOR CODE:  
1D4
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 040
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=1.50MM

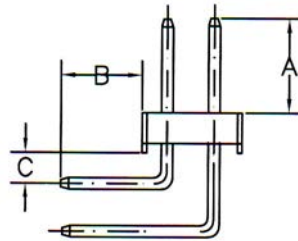
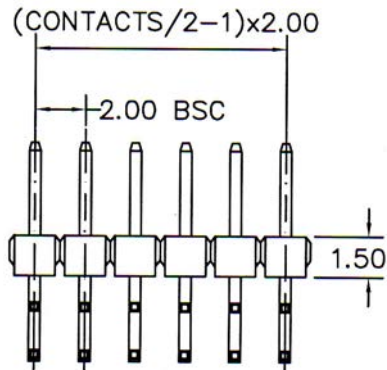


### SPECIFICATIONS

Current Rating: 3.0 Amp  
 Dielectric Withstand: 1000V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: P.B.T30%GF, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



### ORDERING INFORMATION:

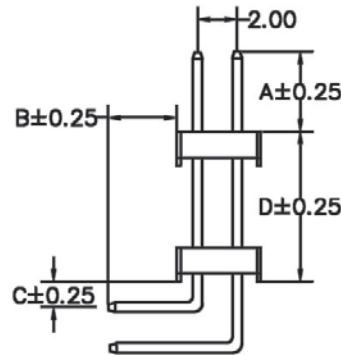
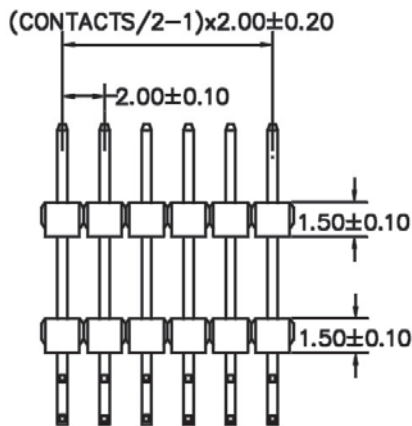
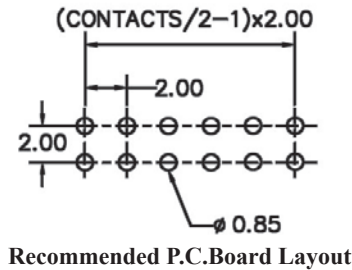
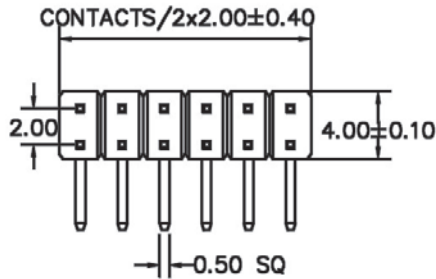
CODE: 2 0 3  $\frac{2}{1}$  D 1 -  $\frac{A/B/C}{2}$  -  $\frac{x}{3}$   $\frac{x}{4}$  B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{xx}{yy}$   $\frac{xxx}{mm}$   $\frac{xxx}{dd}$  -  $\frac{xxx}{3}$   $\frac{x}{4}$  B

1. EXTERIOR CODE:  
2D1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
004 ~ 080
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

**2.00MM (0.079") PIN HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=1.50MM**



**SPECIFICATIONS**

Current Rating: 1 A  
Contact Resistance: 20mΩ Max.  
Insulator Resistance: 5000MΩ Min.  
Withstanding Voltage: 1000V AC/Min.  
Operating Temperature: -55°C to +105°C

**MATERIALS**

Insulator: NY6T UL94V-0  
Contact: Copper Alloy  
All materials must be RoHS compliant.

**ORDERING INFORMATION:**

**CODE: 2 0 3 2 D 4 - A/B/C/D - x x x x B**  
1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**  
YY MM DD 3 4

1. EXTERIOR CODE:  
2D4
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
004 ~ 080
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED



## 2.00MM(0.079") PIN HEADER QUAD ROW RIGHT ANGLE TYPE PROFILE=1.50MM

### SPECIFICATIONS

Current Rating: 1 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

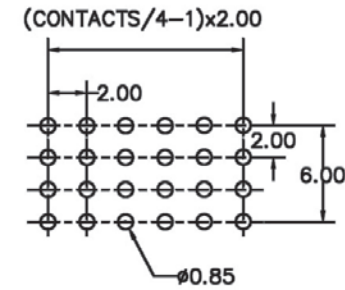
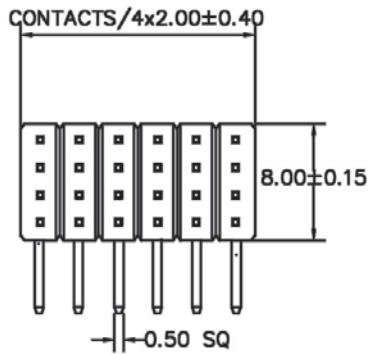
Operating Temperature: -55°C to +105°C

### MATERIALS

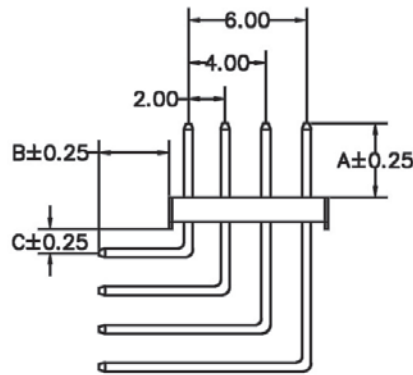
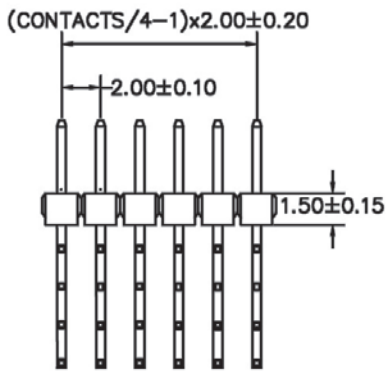
Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout



CODE	A	B	C
QD	3.20	3.05	1.30
PY	4.40	2.40	4.10
PZ	3.90	2.80	1.40

### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B

1. PIN LENGTH:

QD, PY, PZ

2. NO. OF CONTACTS:

008 ~ 120

3. CONTACT FINISH:

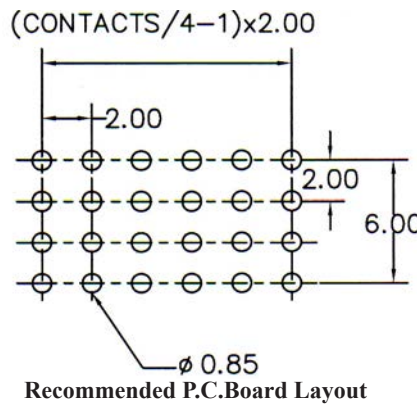
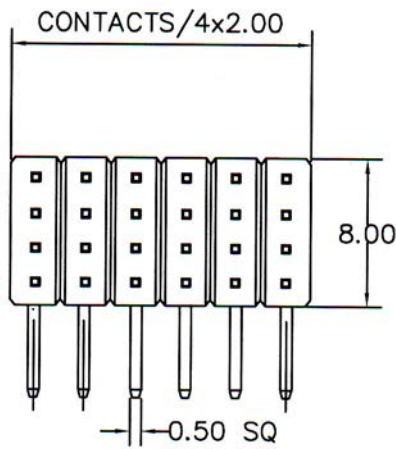
"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

**2.00MM(0.079") PIN HEADER QUAD ROW RIGHT ANGLE TYPE PROFILE=1.50MM**

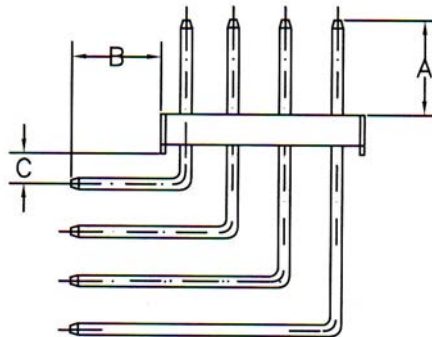
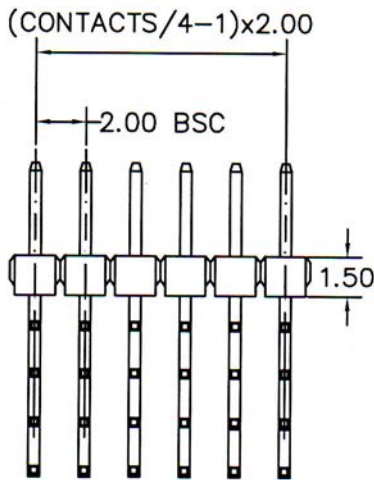


**SPECIFICATIONS**

Current Rating: 3.0 Amp  
 Dielectric Withstand: 1000V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to + 105°C

**MATERIALS**

Insulator: Thermoplastic, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



**ORDERING INFORMATION:**

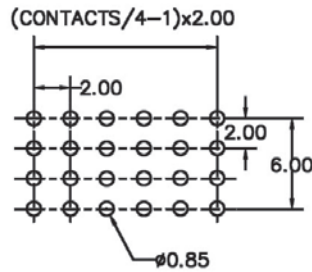
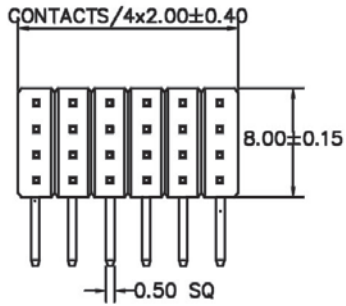
**CODE: 2 0 4 4 D 1 - A/B/C - x x x x B**  
 1 2 3 4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

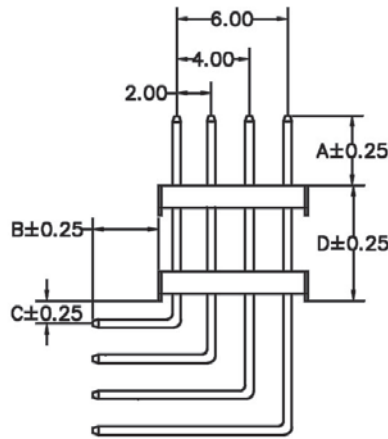
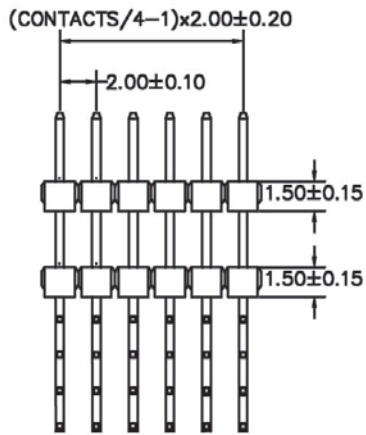
**P/N P x x x x x x x - x x x x B**  
 YY MM DD 3 4

1. EXTERIOR CODE:  
4D1
2. DIMENSION A/B/C (UNIT: mm)
3. NO. OF CONTACTS:  
008 ~ 120
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

# 2.00MM (0.079") PIN HEADER QUAD ROW RIGHT ANGLE TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



## SPECIFICATIONS

Current Rating: 1 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

## ORDERING INFORMATION:

CODE: 2 0 4 4 D 4 - A/B/C/D - x x x x B

1                      2                      3                      4

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B

YY MM DD                      3                      4

1. EXTERIOR CODE:  
4D4
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
008 ~ 120
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") PIN HEADER TRIPLE ROW "U" TYPE PROFILE=1.50MM

### SPECIFICATIONS

Current Rating: 2.0 A

Voltage Rating: 150V AC, DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

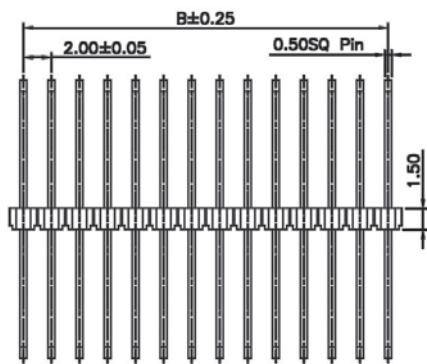
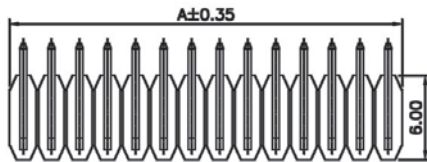
Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: Polyester NY6T UL94V-0, Black

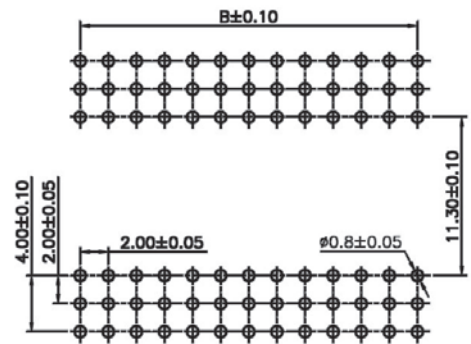
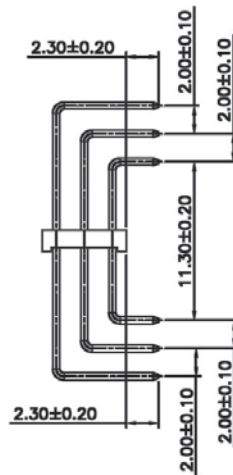
Contact: Brass

All materials must be RoHS compliant.



$$A = B + 2.00$$

$$B = 2.00 \times (\text{NO. OF CONTACTS / ROW-1})$$



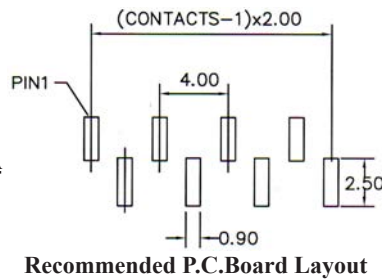
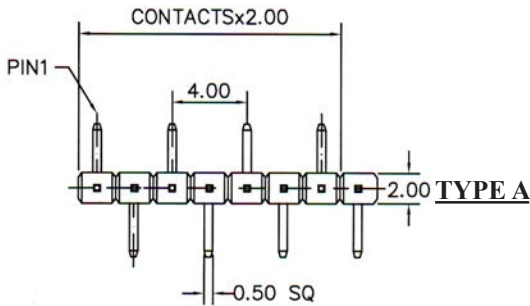
Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 2 0 K15 - x x x x B  
           1          2          3

1. CONTACT TYPE:  
"K15" TRIPLE U-SHAPED DIP TYPE
2. NO. OF CONTACTS:  
006~120
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.50MM

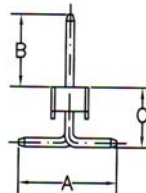
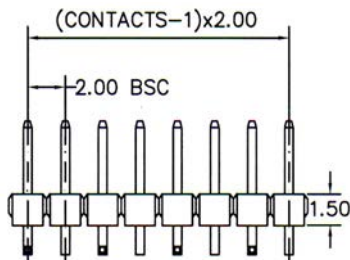
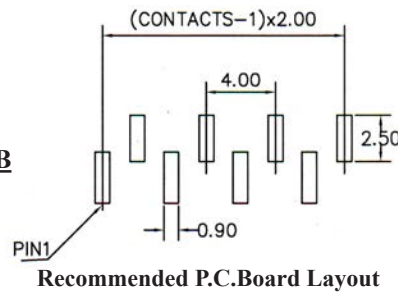
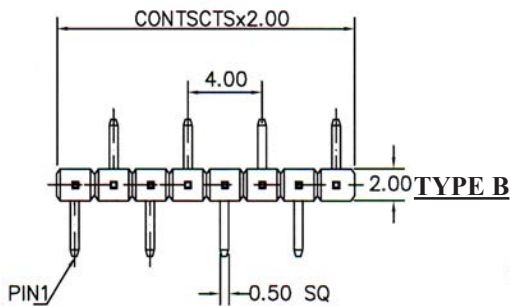


### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



TYPE A	TYPE B	A	B	C
UA	UG	7.0	4.0	2.6
UD	UK	6.0	4.0	2.6
WM	WN	4.2	3.0	2.2
WP	WQ	4.2	4.0	2.2

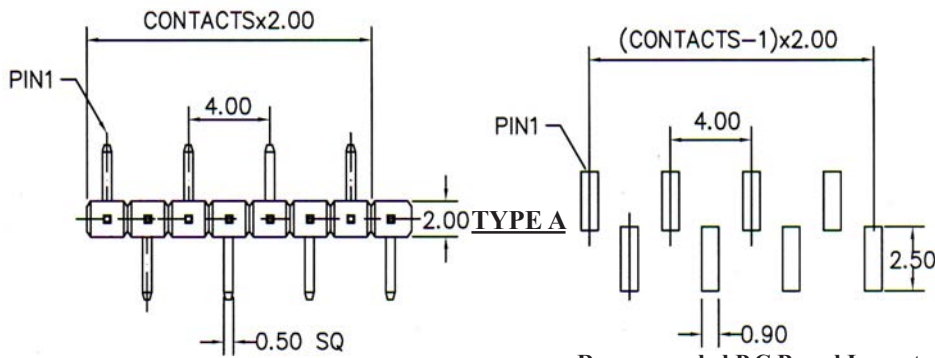
### ORDERING INFORMATION:

P/N 200  $\frac{1}{1}$  -  $\frac{2}{2}$   $\frac{3}{3}$  B -  $\frac{4}{4}$

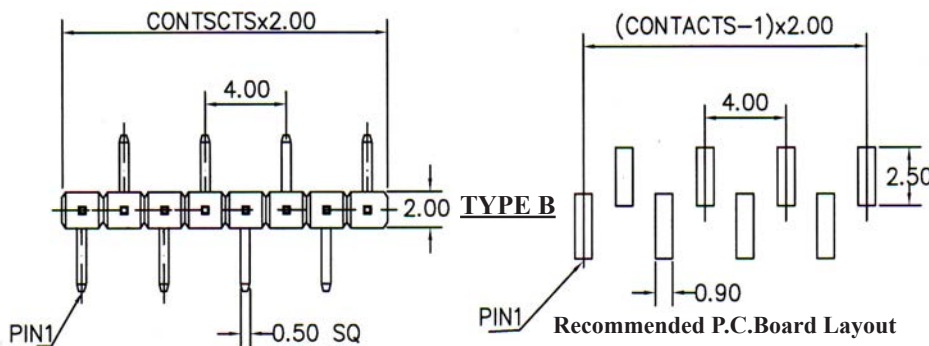
- CONNECTOR TYPE:  
UA, UD, WM, WP, UG, UK, WN, WQ
- NO. OF CONTACTS:  
002 ~ 040
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD  
 NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

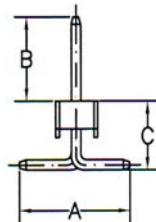
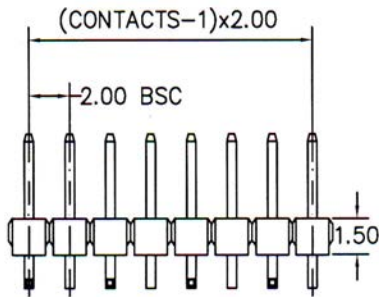
## 2.00MM(0.079") PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 1000V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 0 1 1 M 1 - A/B/C - x x x x B - x x  
 1 2 3 4 5 6

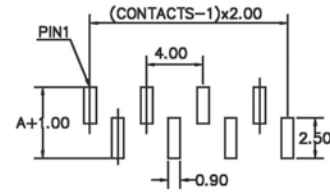
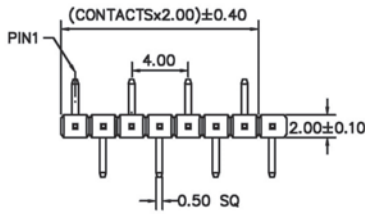
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B  
 YY MM DD 3 4

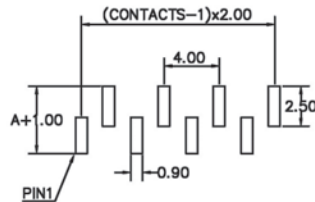
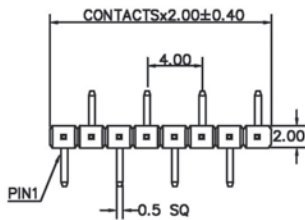
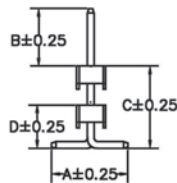
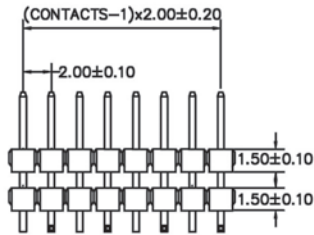
- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. EXTERIOR CODE:<br/>1M1</li> <li>2. DIMENSION A/B/C (UNIT: mm)</li> <li>3. NO. OF CONTACTS:<br/>002 ~ 040</li> <li>4. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ol> | <ol style="list-style-type: none"> <li>5. PCB LAYOUT TYPE:<br/>"A" TYPE A<br/>"B" TYPE B</li> <li>6. PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL</li> </ol> |
|--|--|

NOTE: PAD = PICK & PLACE PAD

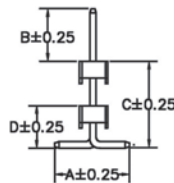
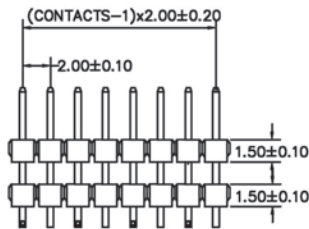
## 2.00MM (0.079") PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.50MM



Recommended P.C.Board Layout  
Type A



Recommended P.C.Board Layout  
Type B



### SPECIFICATIONS

Current Rating: 1 A  
Contact Resistance: 20mΩ Max.  
Insulator Resistance: 5000MΩ Min.  
Dielectric Strength: 1000V AC/Min.  
Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0  
Contact: Copper Alloy  
All materials must be RoHS compliant.

TYPE A	TYPE B	DIMENSIONS(MM)			
		A	B	C	D
M33	M34	4.20	4.00	10.50	2.30
M35	M36	4.20	4.57	9.40	2.30
M37	M38	4.20	3.42	8.40	2.30
M39	M40	4.20	4.00	4.60	2.30
M41	M42	4.20	4.00	10.00	2.30
M43	M44	4.20	4.00	6.00	2.30

### ORDERING INFORMATION:

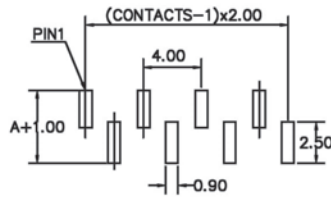
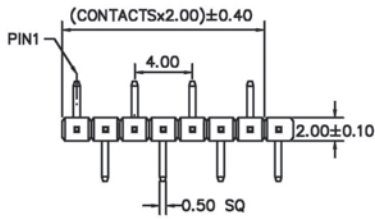
P/N 20  $\frac{1}{\text{X X X}}$  -  $\frac{2}{\text{X X X}}$   $\frac{3}{\text{X}}$  B -  $\frac{4}{\text{X}}$

- PIN LENGTH:  
M33, M34, M35, M36, M37, M38,  
M39, M40, M41, M42, M43, M44
- NO. OF CONTACTS:  
002 ~ 040
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

- PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: SEE NEXT PAGES FOR CUSTOMER'S  
DESIGNS!

## 2.00MM (0.079") PIN HEADER SINGLE ROW SMT TYPE PROFILE=1.50MM



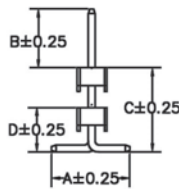
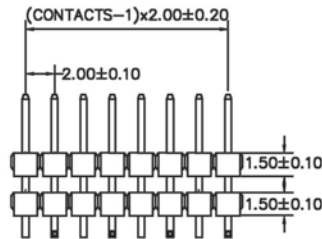
Recommended P.C.Board Layout  
Type A

### SPECIFICATIONS

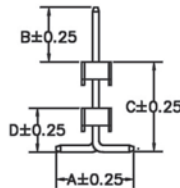
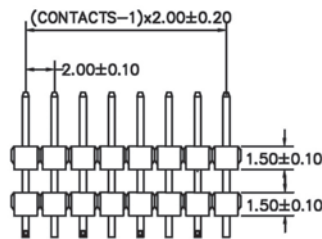
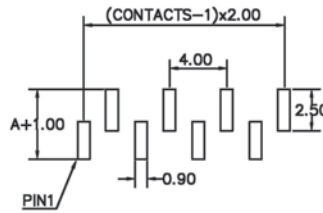
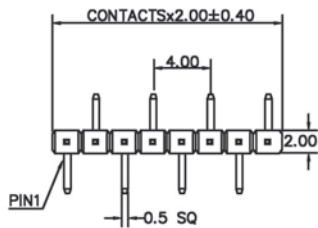
Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.



Recommended P.C.Board Layout  
Type B



### ORDERING INFORMATION:

CODE: 2 0 1 1 M4 - A/B/C/D - x x x x B - x x  
 1 2 3 4 5 6

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

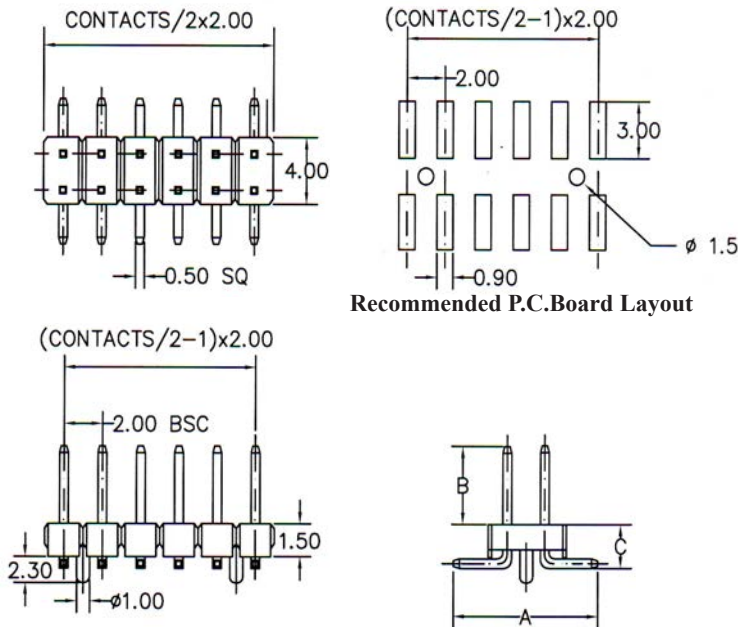
P/N P x x x x x x - x x x x B  
 YY MM DD 3 4

- EXTERIOR CODE:  
1M4
- DIMENSION A/B/C/D (UNIT: mm)
- NO. OF CONTACTS:  
002 ~ 040
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- PCB LAYOUT TYPE:  
"A" TYPE A  
"B" TYPE B
- PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD



## 2.00MM(0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=1.50MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 1000V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.

W/O PEGS	WITH PEGS	DIMENSIONS(MM)		
		A	B	C
PT	PU	7.0	4.0	2.6
PV	PW	6.0	4.0	2.6
GP	GR	6.5	4.0	2.2
WU	WV	6.2	3.0	2.2
WW	WX	6.2	4.0	2.2

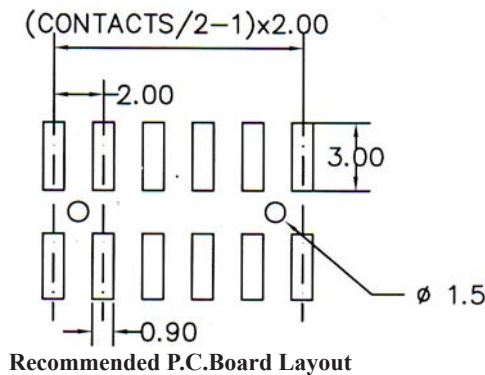
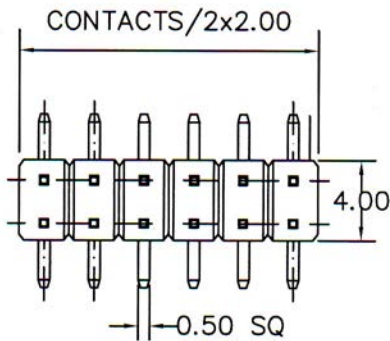
### ORDERING INFORMATION:

P/N 200  $\frac{X}{1}$  -  $\frac{X}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

- CONNECTOR TYPE:  
PT, PU, TV, PW, GP, GR,  
WU, WV, WW, WX
- NO. OF CONTACTS:  
004 ~ 080
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL  
"0" TRAY

NOTE: PAD = PICK & PLACE PAD  
 NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

## 2.00MM(0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=1.50MM

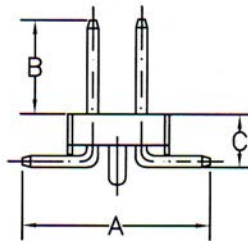
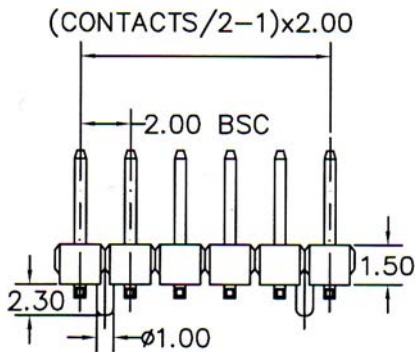


### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 1000V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



### ORDERING INFORMATION:

CODE: 2 0 3  $\frac{2}{1} \frac{M}{x} - \frac{A/B/C}{2} - \frac{x}{3} \frac{x}{4} \frac{x}{4} B - \frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

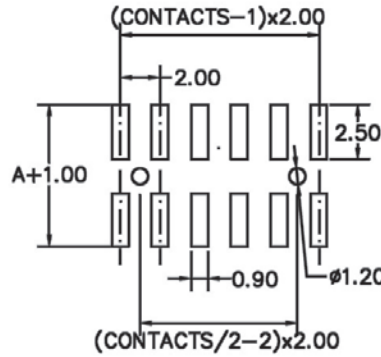
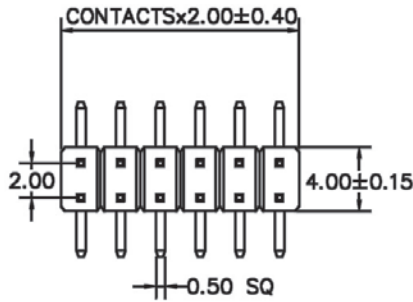
P/N  $\frac{P}{yy} \frac{xx}{mm} \frac{xx}{dd} - \frac{xxx}{3} \frac{x}{4} B$

- EXTERIOR CODE:  
 "2M2" W/O LOCATING PEG  
 "2M3" WITH LOCATING PEG
- DIMENSION A/B/C (UNIT: mm)
- NO. OF CONTACTS:  
 004 ~ 080
- CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

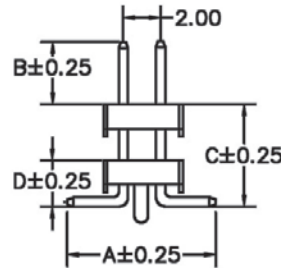
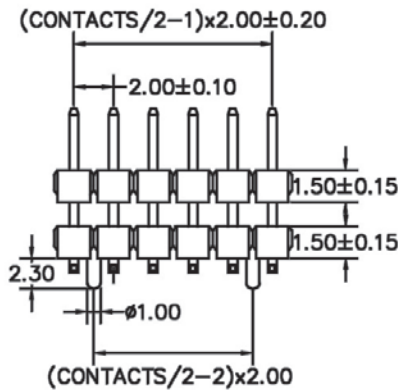
- PAD & PACKAGE OPTION:  
 "T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM (0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

W/O PEGS	WITH PEGS	DIMENSIONS(MM)			
		A	B	C	D
M21	M22	6.30	4.00	10.50	2.30
M23	M24	6.30	4.57	9.40	2.30
M25	M26	6.30	3.42	8.40	2.30
M27	M28	6.30	4.00	4.60	2.30
M29	M30	6.30	4.00	10.00	2.30
M31	M32	6.30	4.00	6.00	2.30

### ORDERING INFORMATION:

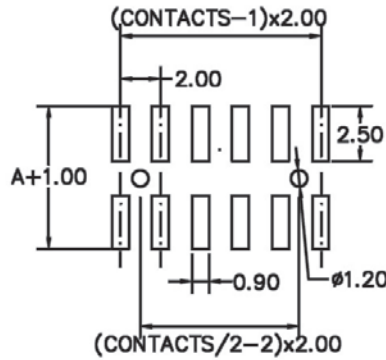
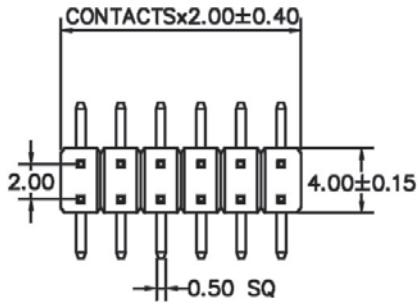
P/N 20  $\frac{1}{\text{XXX}}$  -  $\frac{2}{\text{XXX}}$   $\frac{3}{\text{X}}$  B -  $\frac{4}{\text{X}}$

- CONTACT TYPE:  
M21, M22, M23, M24, M25, M26,  
M27, M28, M29, M30, M31, M32
- NO. OF CONTACTS:  
004 ~ 080
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

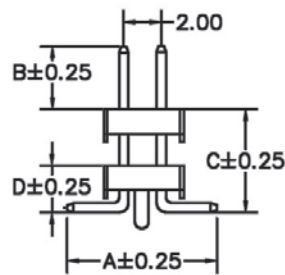
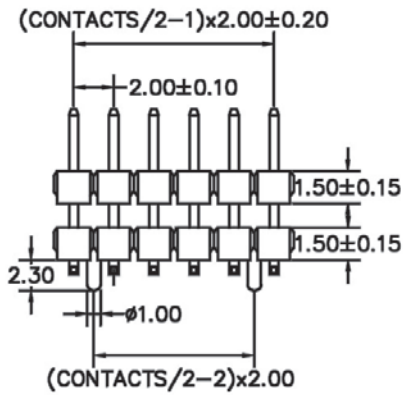
- PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

## 2.00MM (0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=1.50MM



Recommended P.C. Board Layout



### SPECIFICATIONS

Current Rating: 1 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 0 3  $\frac{xxx}{1}$  -  $\frac{A/B/C/D}{2}$  -  $\frac{xxxx}{3}$   $\frac{B}{4}$  -  $\frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{xxxxxx}{YY MM DD}$  -  $\frac{xxxx}{3}$   $\frac{B}{4}$

1. EXTERIOR CODE:

"2M4" W/O LOCATING PEG

"2M7" WITH LOCATING PEG

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

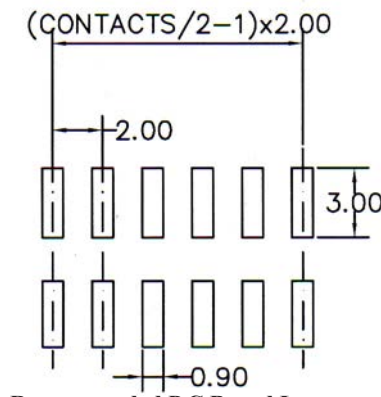
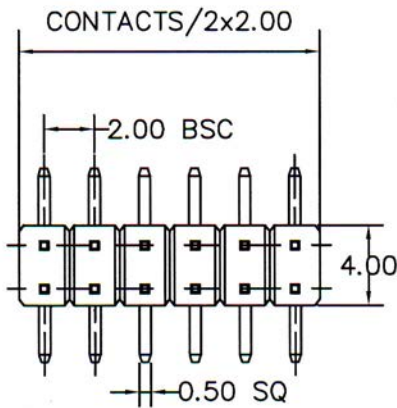
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

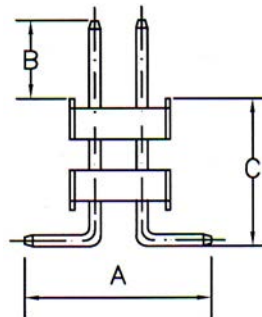
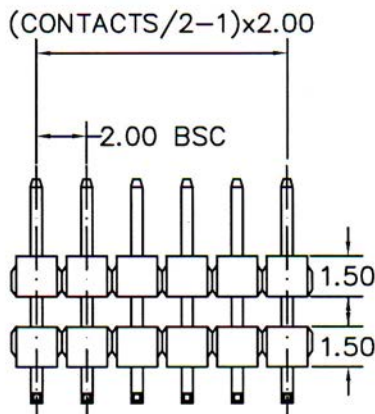
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 1000V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 0 3 2 M 5 - A/B/C - x x x x B - x

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x - x x x x B

1. EXTERIOR CODE:

2M5

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

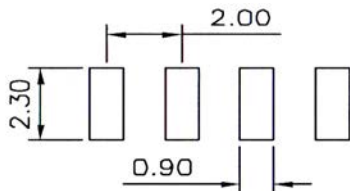
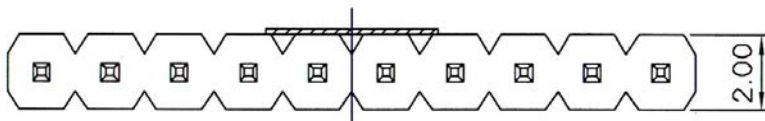
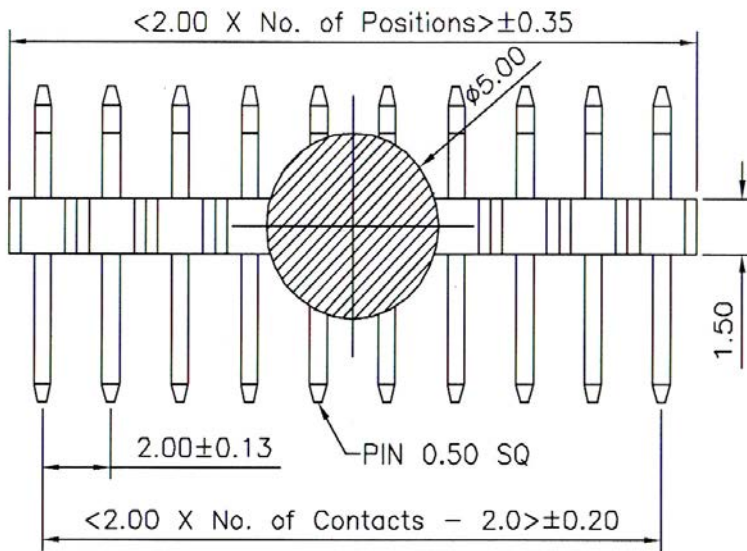
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

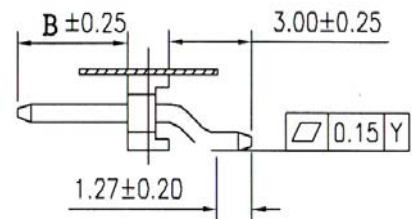
"0" IN TRAY OR BOX

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=1.50MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 200  $\frac{xx}{1}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B -  $\frac{x}{4}$

1. PIN LENGTH:

"NG" B= 4.00mm

"NJ" B= 6.00mm

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE (FOR 200NG & 200NJ)

"P" WITH PAD IN TUBE (FOR 200NJ)

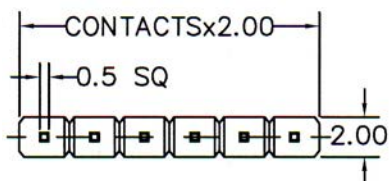
"Q" WITH PAD IN TAPE & REEL (FOR 200NJ)

"F" WITH FILM IN TUBE (FOR 200NG)

"G" WITH FILM IN TAPE & REEL (FOR 200NG)

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=1.50MM



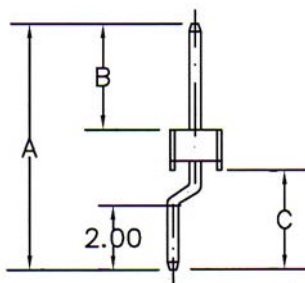
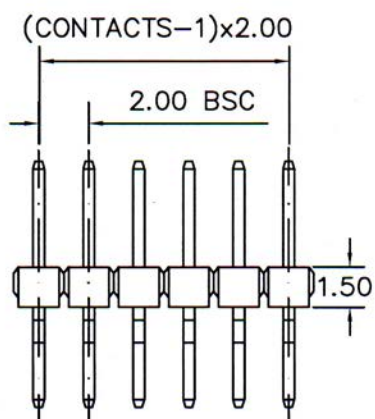
Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 1000V AC  
 Insulator Resistance: 5000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloys  
 All materials must be RoHS compliant.



### ORDERING INFORMATION:

CODE: 2 0 1  $\frac{1}{1}$  J 1 -  $\frac{A/B/C}{2}$  -  $\frac{x}{3}$   $\frac{x}{4}$  B -  $\frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{x}{YY}$   $\frac{x}{MM}$   $\frac{x}{DD}$  x -  $\frac{x}{3}$   $\frac{x}{4}$  B

1. EXTERIOR CODE:

1J1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

"T" W/O PAD IN TUBE

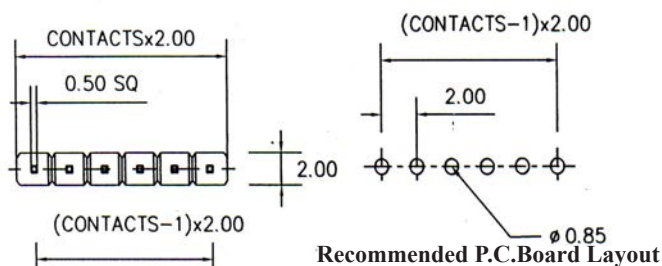
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

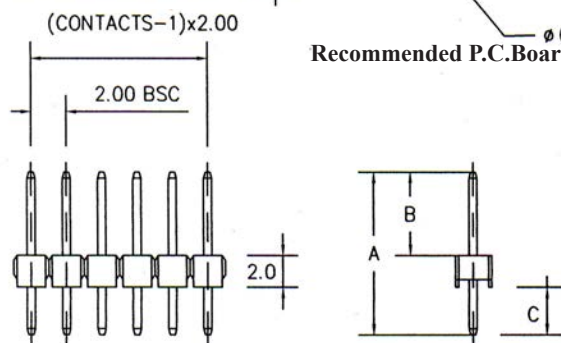
NOTE: PAD = PICK & PLACE PAD



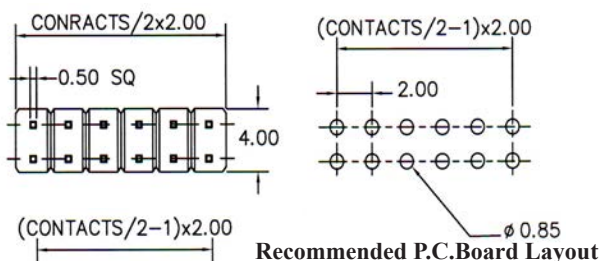
## 2.00MM(0.079") PIN HEADER STRAIGHT TYPE PROFILE=2.00MM



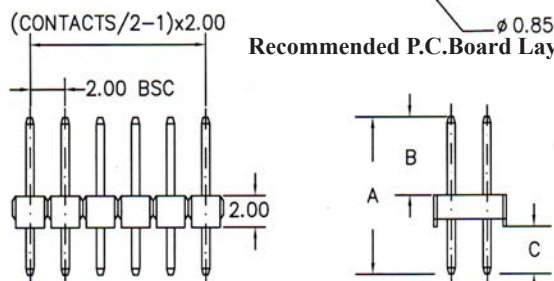
Recommended P.C.Board Layout



**SINGLE ROW**



Recommended P.C.Board Layout



**DOUBLE ROW**

### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 1000V AC

**Insulator Resistance:** 5000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0

P.B.T or Nylon-6T

**Contacts:** Copper Alloy

**All materials must be RoHS compliant.**

SINGLE ROW	DOUBLE ROW	Dimensions(mm)		
		A	B	C
PA	PD	8.40	4.00	2.40
PB	PE	8.40	3.70	2.70
PC	PF	8.70	4.00	2.70
XB	XA	9.50	5.00	2.50
QG	QM	10.00	5.30	2.70
QH	QN	11.60	6.90	2.70
QJ	QP	18.00	11.00	5.00
QK	QQ	20.00	15.00	3.00
QL	QR	22.80	17.80	3.00
QV	QW	8.80	4.00	2.80
QX	QY	8.30	3.50	2.80
SY	SZ	8.70	3.90	2.80

### ORDERING INFORMATION:

P/N 2 0 0  $\frac{x}{1}$  -  $\frac{x}{2}$   $\frac{x}{3}$  B /  $\frac{x}{4}$

#### 1. CONNECTOR TYPE:

PA, PB, PC, XB, QG, QH, QJ, QK, QL, QV, QX, SY  
PD, PE, PF, XA, QM, QN, QP, QQ, QR, QW, QY, SZ

#### 2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW  
004 ~ 080 FOR DOUBLE ROW

#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

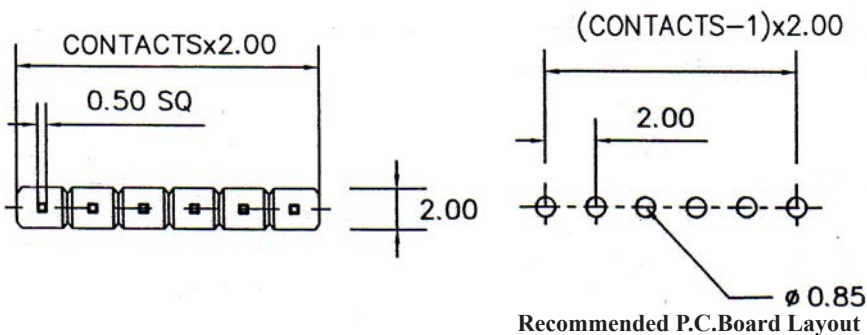
#### 4. INSULATOR MATERIAL:

" " PBT  
"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!



## 2.00MM(0.079") PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=2.00MM

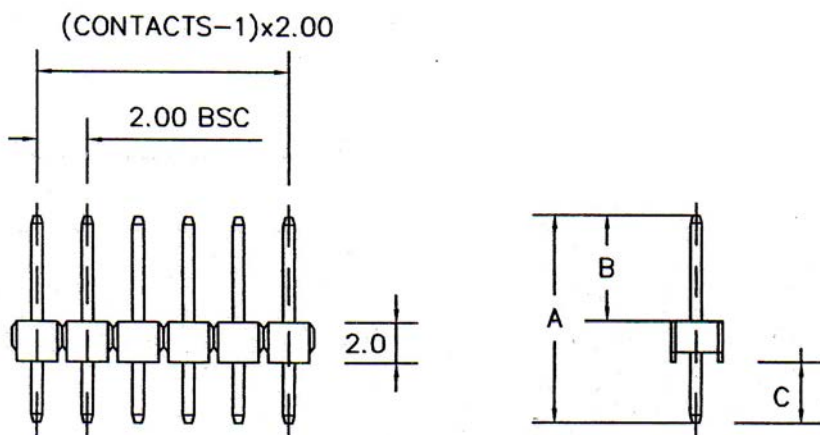


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 P.B.T or Nylon-6T  
**Contacts:** Copper Alloys  
 All materials must be RoHS compliant.



### ORDERING INFORMATION:

**CODE: 2 0 0  $\frac{1}{1}$  S  $\frac{1}{2}$  -  $\frac{A}{3}$  /  $\frac{B}{4}$  -  $\frac{XX}{5}$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{XX}{YY}$   $\frac{XX}{MM}$   $\frac{XX}{DD}$  -  $\frac{XX}{3}$  /  $\frac{B}{4}$**

1. EXTERIOR CODE:

1S1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

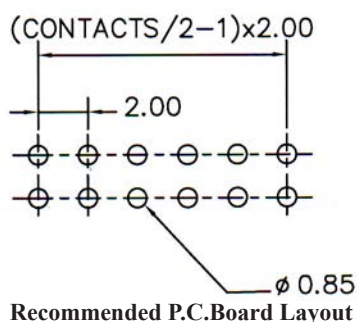
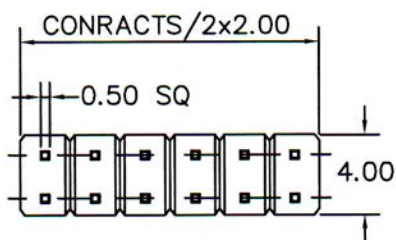
5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T



## 2.00MM(0.079") PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=2.00MM

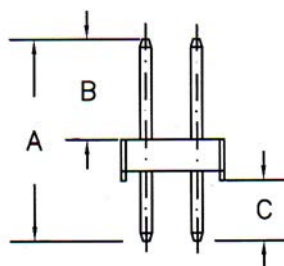
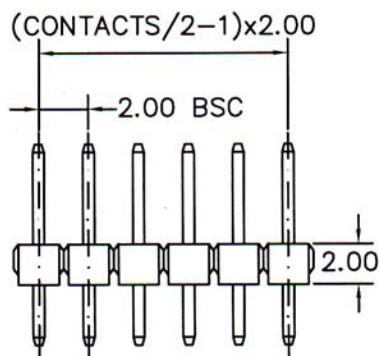


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 P.B.T or Nylon-6T  
**Contacts:** Copper Alloys  
**All materials must be RoHS compliant.**



### ORDERING INFORMATION:

**CODE: 2 0 2 2 S 1 - A/B/C - x x x x B / x x**  
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**  
 YY MM DD 3 4

1. EXTERIOR CODE:

2S1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

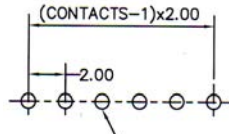
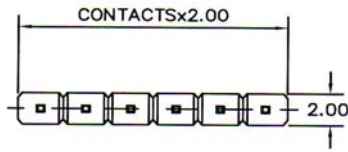
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

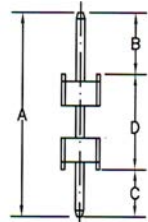
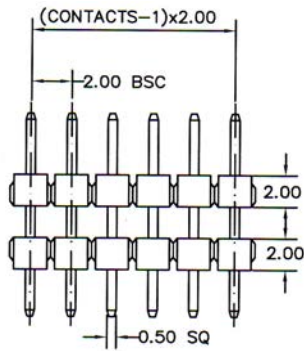
" " PBT

"6T" NYLON 6T

## 2.00MM(0.079") PIN HEADER DUAL BODY STRAIGHT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



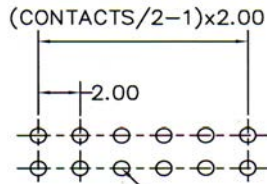
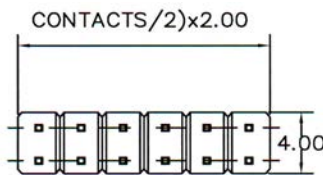
**SINGLE ROW**

### SPECIFICATIONS

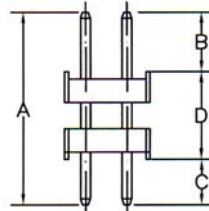
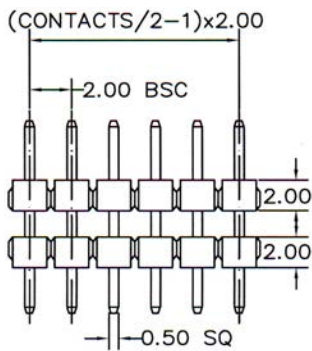
**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 P.B.T or Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout



**DOUBLE ROW**

SINGLE ROW	DOUBLE ROW	Dimensions(mm)			
		A	B	C	D
TD	TR	11.60	4.00	2.80	4.80
TE	TS	13.60	4.00	2.80	6.80
TF	TT	14.10	4.00	2.80	7.30
PL	PM	14.30	4.00	2.80	7.50
TG	TU	15.10	4.00	2.80	8.30
TH	TV	15.60	4.00	2.80	8.80
TJ	TW	17.10	4.00	2.80	10.30
TK	TX	19.10	4.00	2.80	12.30
TL	TY	21.10	4.00	2.80	14.30
TM	TZ	28.20	4.00	2.80	21.40
UB	UC	16.50	4.00	2.80	9.70
UE	UF	18.60	4.00	2.80	11.80

### ORDERING INFORMATION:

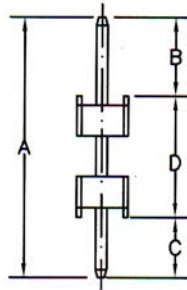
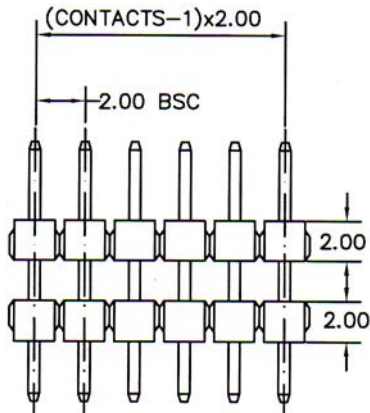
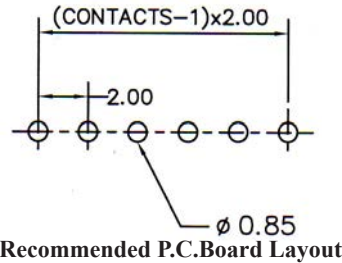
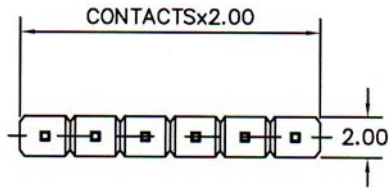
P/N 2 0 0  $\frac{1}{x x}$  -  $\frac{2}{x x x x}$  B /  $\frac{4}{x x}$

- CONNECTOR TYPE:  
TD, TE, TF, PL, TG, TH, TJ, TK, TL,  
TM, TR, TS, TT, PM, TU, TV, TW,  
TX, TY, TZ, UB, UC, UE, UF
- NO. OF CONTACTS:  
002 ~ 040 FOR SINGLE ROW  
004 ~ 080 FOR DOUBLE ROW
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

- INSULATOR MATERIAL:  
" " PBT  
"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

## 2.00MM(0.079") PIN HEADER SINGLE ROW STRAIGHT TYPE PROFILE=2.00MM



### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 1000V AC  
 Insulator Resistance: 5000 M $\Omega$  min.  
 Contact Resistance: 20m $\Omega$  Max.  
 Operating Temperature: -55 $^{\circ}$ C to + 105 $^{\circ}$ C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 P.B.T or Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 0 0 1 S 3 - A/B/C/D - x x x x B / xx  
 1 2 3 4 5

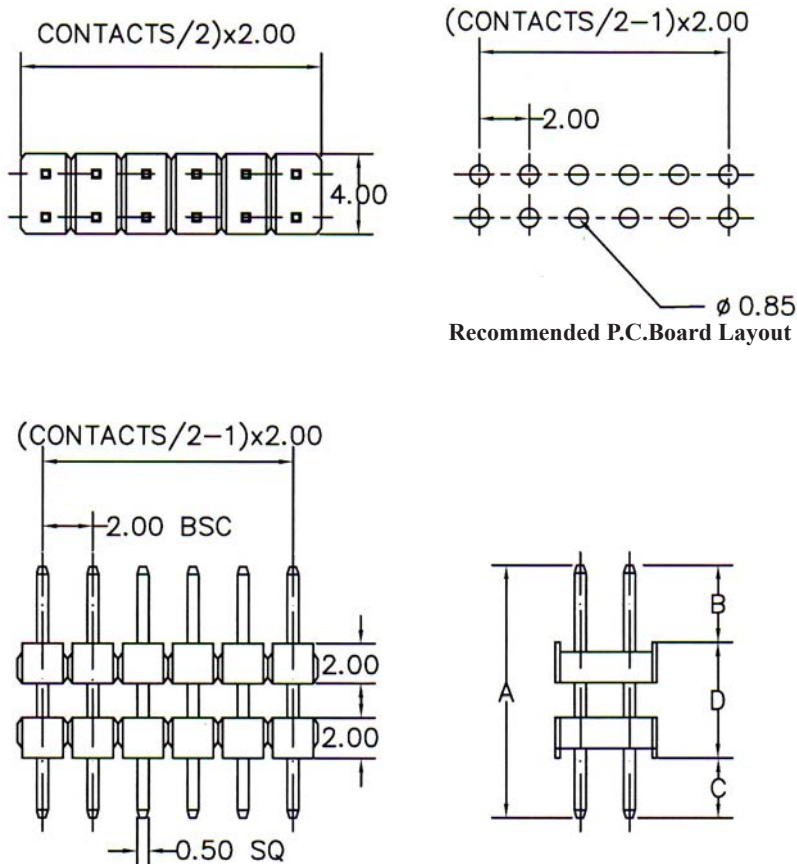
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B  
 YY MM DD 3 4

1. EXTERIOR CODE:  
1S3
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 040
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:  
" " PBT  
"6T" NYLON 6T

## 2.00MM(0.079") PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=2.00MM



### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 P.B.T or Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**

### ORDERING INFORMATION:

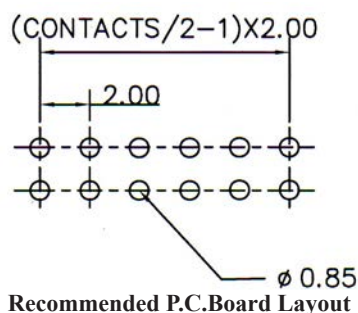
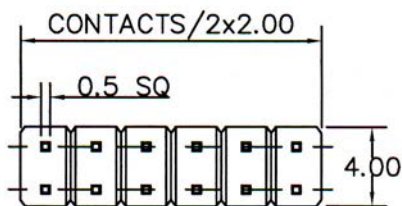
**CODE: 2 0 2 2 S 3 - A/B/C/D - x x x x B / x x**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. EXTERIOR CODE:<br/>2S3</li> <li>2. DIMENSION A/B/C/D (UNIT: mm)</li> <li>3. NO. OF CONTACTS:<br/>004 ~ 080</li> <li>4. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ol> | <ol style="list-style-type: none"> <li>5. INSULATOR MATERIAL:<br/>" " PBT<br/>"6T" NYLON 6T</li> </ol> |
|--|--|

## 2.00MM(0.079") PIN HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=2.00MM

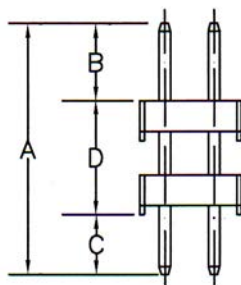
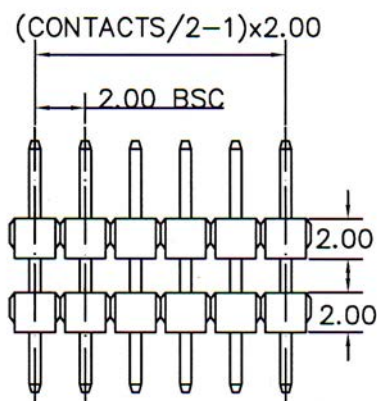


### SPECIFICATIONS

Current Rating: 1.0 Amp  
Dielectric Withstand: 1000V AC  
Insulator Resistance: 5000 MΩ min.  
Contact Resistance: 20mΩ Max.  
Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
P.B.T or Nylon-6T  
Contacts: Copper Alloys  
All materials must be RoHS compliant.



### ORDERING INFORMATION:

CODE: 2 0 2 2 S 2 - A/B/C/D - x x x x B / x x  
1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B  
YY MM DD 3 4

1. EXTERIOR CODE:

2S2

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

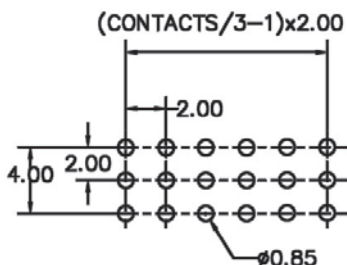
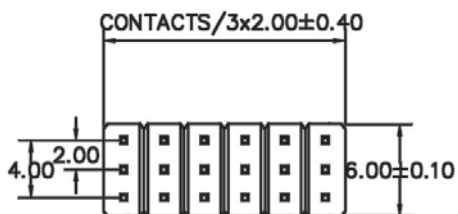
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

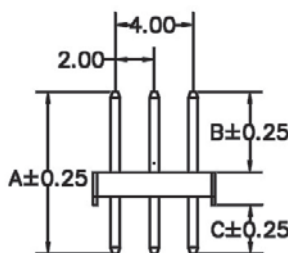
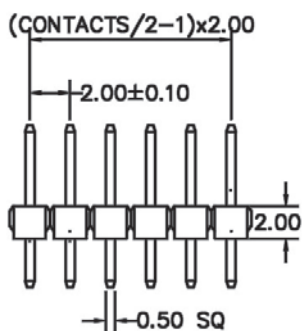
" " PBT

"6T" NYLON 6T

## 2.00MM (0.079") PIN HEADER TRIPLE ROW STRAIGHT DIP TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: Thermoplastic UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 0 2 3 S 1 - A/B/C - x x x x B / x x

1                    2                    3   4                    5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B

YY MM DD                    3   4

1. EXTERIOR CODE:

3S1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

006 ~ 120

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

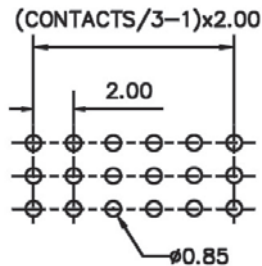
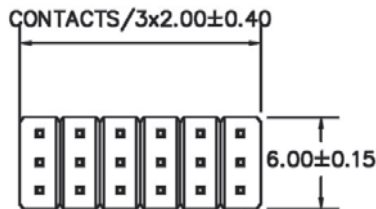
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

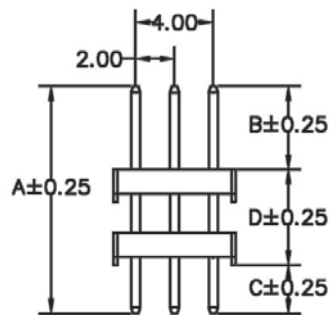
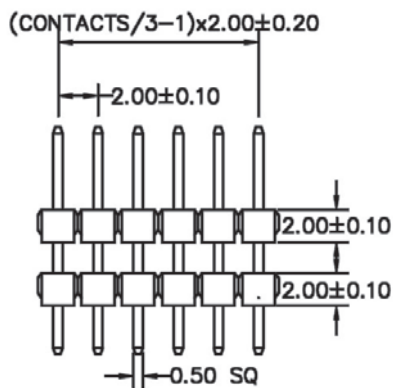
" " PBT

"6T" NYLON-6T

## 2.00MM (0.079") PIN HEADER TRIPLE ROW STRAIGHT DIP TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Dielectric Strength: 1000 VA

Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: Thermoplastic UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

TRIPLE ROW	DIMENSIONS(MM)			
	A	B	C	D
N11	8.2	4.0	2.8	1.4
N12	9.6	4.0	2.8	2.8
N13	10.1	4.0	2.8	3.3
N14	11.6	4.0	2.8	4.8
N15	13.6	4.0	2.8	6.8
N16	14.1	4.0	2.8	7.3
N17	14.3	4.0	2.8	7.5
N18	15.1	4.0	2.8	8.3
N19	15.6	4.0	2.8	8.8
N20	17.1	4.0	2.8	10.3
N21	19.1	4.0	2.8	12.3
N22	21.1	4.0	2.8	14.3
N23	28.2	4.0	2.8	21.4

### ORDERING INFORMATION:

P/N 20  $\frac{XXX}{1}$  -  $\frac{XXXX}{2}$   $\frac{X}{3}$  B /  $\frac{XX}{4}$

#### 1. PIN LENGTH:

N11, N12, N13, N14, N15, N16, N17,  
N18, N19, N20, N21, N22, N23

#### 2. NO. OF CONTACTS:

006 ~ 120

#### 3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

#### 4. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!



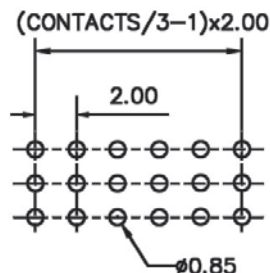
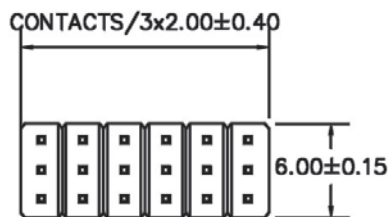
# 1.27MM (0.079") PIN HEADER TRIPLE ROW STRAIGHT DIP TYPE PROFILE=2.00MM

## SPECIFICATIONS

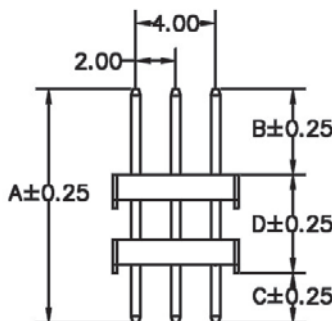
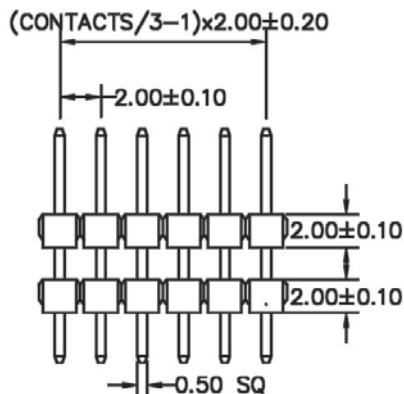
Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

## MATERIALS

Insulator: Thermoplastic UL94V-0  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.



Recommended P.C.Board Layout



## ORDERING INFORMATION:

CODE: 2 0 2 3 S 2 - A/B/C/D - x x x x B / x x  
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x x - x x x x B  
 YY MM DD 3 4

1. EXTERIOR CODE:

3S2

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

006 ~ 120

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

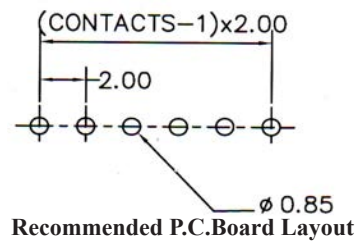
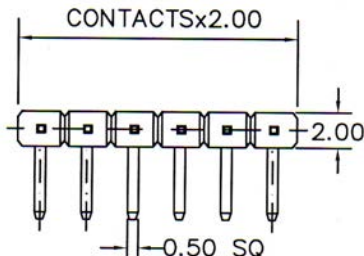
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON-6T

## 2.00MM(0.079") PIN HEADER RIGHT ANGLE TYPE PROFILE=2.00MM

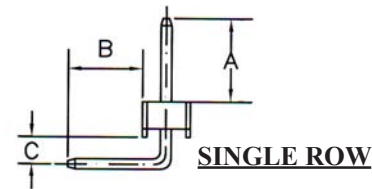
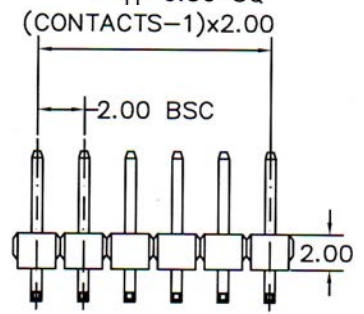


### SPECIFICATIONS

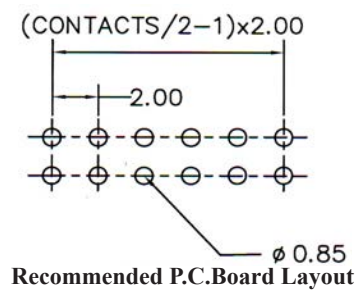
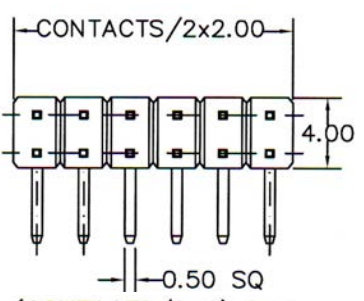
**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

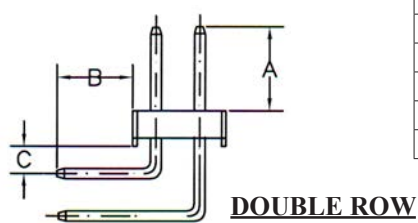
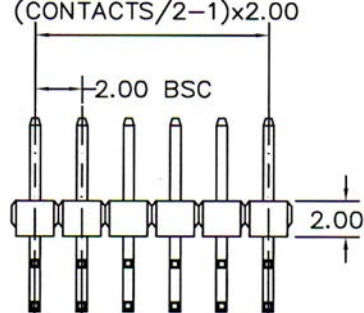
**Insulator:** Thermoplastic, UL94V-0  
 P.B.T or Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**



SINGLE ROW	A	B	C
PG	4.0	2.8	0.9
PH	3.8	3.0	0.9
QS	3.0	3.0	0.9
QF	4.0	2.4	1.0
QT	4.4	2.8	1.0
SF	3.9	2.8	0.9



DOUBLE ROW	A	B	C
PJ	4.0	2.8	0.9
PK	3.7	3.0	0.9
QC	6.0	2.8	0.9
QU	4.0	2.8	1.0
QZ	4.0	2.4	1.0
PX	3.5	2.8	1.0
SG	3.9	2.8	0.9



### ORDERING INFORMATION:

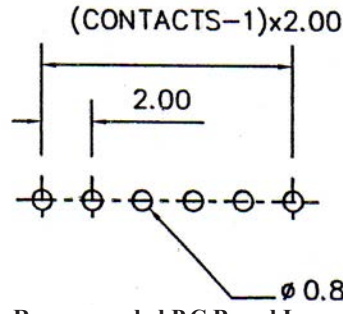
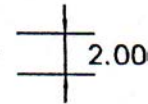
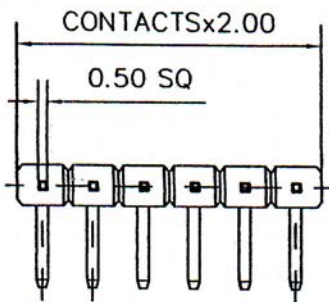
P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B /  $\frac{XX}{4}$

- CONNECTOR TYPE:  
PG, PH, QS, QF, QT, SF, PJ,  
PK, QC, QU, QZ, SG, PX
- NO. OF CONTACTS:  
002 ~ 040 FOR SINGLE ROW  
004 ~ 080 FOR DOUBLE ROW
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

- INSULATOR MATERIAL:  
" " PBT  
"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

## 2.00MM(0.079") PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=2.00MM

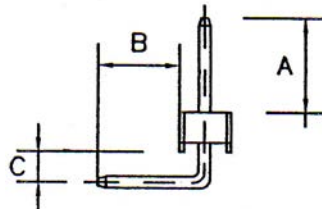
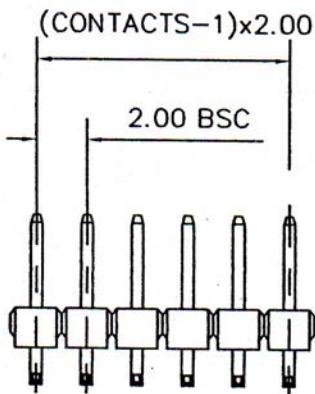


### SPECIFICATIONS

Current Rating: 1.0 Amp  
Dielectric Withstand: 1000V AC  
Insulator Resistance: 5000 MΩ min.  
Contact Resistance: 20mΩ Max.  
Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
P.B.T or Nylon-6T  
Contacts: Copper Alloys  
All materials must be RoHS compliant.



### ORDERING INFORMATION:

CODE: 2 0 0  $\frac{1}{1}$  D 1 -  $\frac{A/B/C}{2}$  -  $\frac{x}{3} \frac{x}{4} \frac{x}{4} B / \frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{x}{YY} \frac{x}{MM} \frac{x}{DD} x - \frac{x}{3} \frac{x}{4} B$

1. EXTERIOR CODE:

1D1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

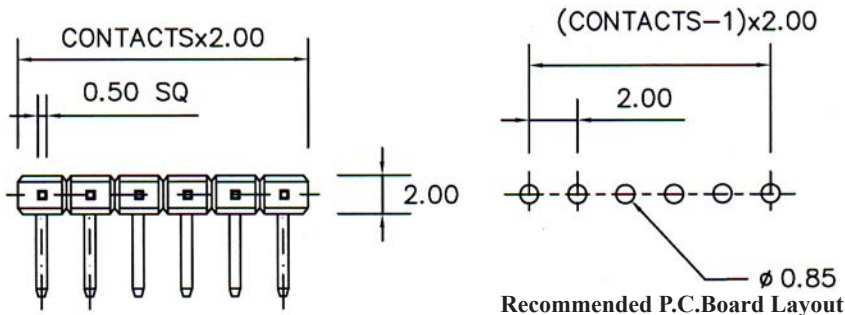
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON-6T

## 2.00MM(0.079") PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=2.00MM

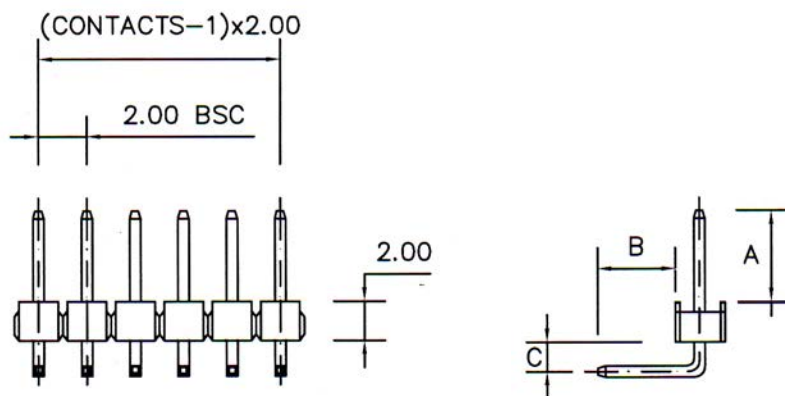


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 M $\Omega$  min.  
**Contact Resistance:** 20m $\Omega$  Max.  
**Operating Temperature:** -55 $^{\circ}$ c to + 105 $^{\circ}$ c

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 P.B.T or Nylon-6T  
**Contacts:** Copper Alloys  
**All materials must be RoHS compliant.**



### ORDERING INFORMATION:

**CODE: 2 0 0  $\frac{1}{1}$  R 1 -  $\frac{A/B/C}{2}$  -  $\frac{x x x x}{3 4}$  B /  $\frac{x x}{5}$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{x x x x x x}{Y Y M M D D} x - \frac{x x x x}{3 4} B$**

1. EXTERIOR CODE:

1R1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

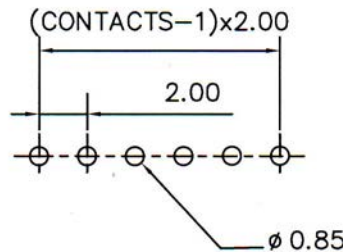
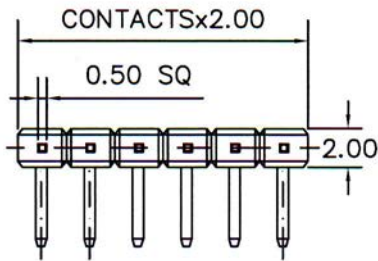
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

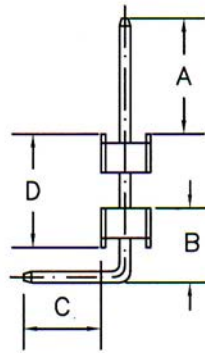
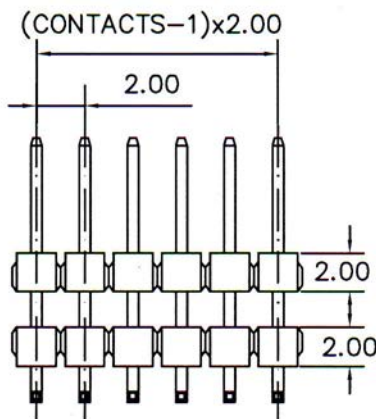
" " PBT

"6T" NYLON-6T

## 2.00MM (0.079") PIN HEADER SINGLE ROW RIGHT ANGLE TYPE ROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1A  
Contact Resistance: 20mΩ Max.  
Insulator Resistance: 5000MΩ Min.  
Dielectric Strength: 1000V AC Min.  
Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
Contact: Copper Alloy  
All materials must be RoHS compliant.

CODE	A	B	C	D
P26	4.00	3.90	3.30	6.50
P27	4.20	3.90	3.30	6.80

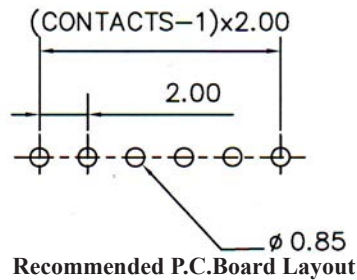
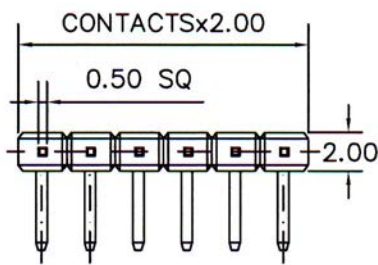
### ORDERING INFORMATION:

P/N 20  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B /  $\frac{XX}{4}$

- PIN LENGTH:  
P26, P27
- NO. OF CONTACTS:  
002 ~ 040
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- INSULATOR MATERIAL:  
" " PBT  
"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGN!

## 2.00MM(0.079") PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=2.00MM

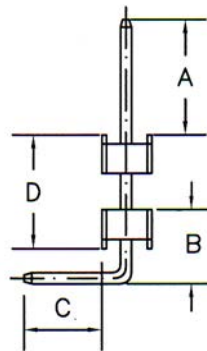
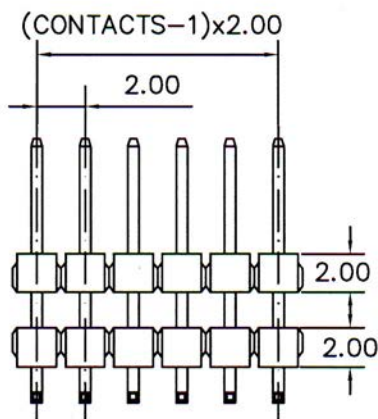


### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 1000V AC  
 Insulator Resistance: 5000 M $\Omega$  min.  
 Contact Resistance: 20m $\Omega$  Max.  
 Operating Temperature: -55 $^{\circ}$ c to + 105 $^{\circ}$ c

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 P.B.T or Nylon-6T  
 Contacts: Copper Alloys  
 All materials must be RoHS compliant.



### ORDERING INFORMATION:

CODE:  $200 \frac{1D3}{1} - \frac{A/B/C/D}{2} - \frac{XXXX}{3} \frac{B}{4} / \frac{XX}{5}$

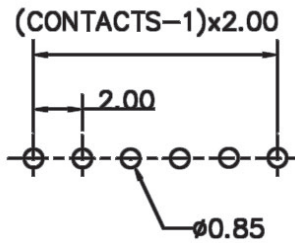
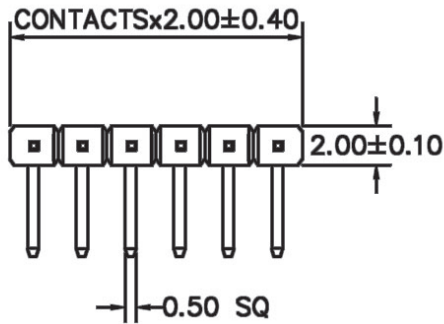
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N  $P \frac{XXXXXX}{YY \text{ MM DD}} - \frac{XXXX}{3} \frac{B}{4}$

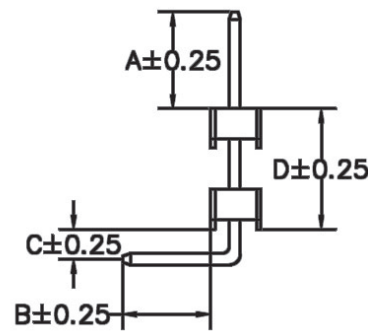
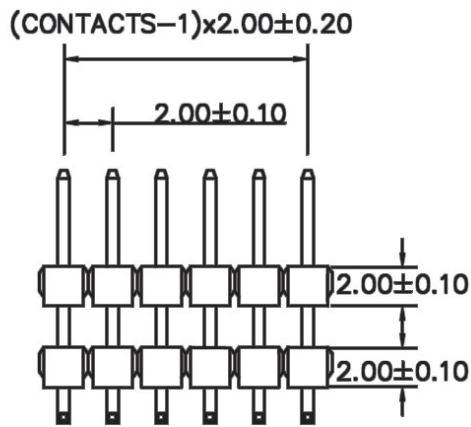
1. EXTERIOR CODE:  
1D3
2. DIMENSION A/B/C/D (UNIT: mm)
3. NO. OF CONTACTS:  
002 ~ 040
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:  
" " PBT  
"6T" NYLON-6T

## 2.00MM (0.079") PIN HEADER SINGLE ROW RIGHT ANGLE TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: Thermoplastic UL94V-0  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 0 0 1 D 4 - A/B/C/D - xxxx B / xx  
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P xxxxxx - xxxx B  
 YY MM DD 3 4

1. EXTERIOR CODE:

1D4

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

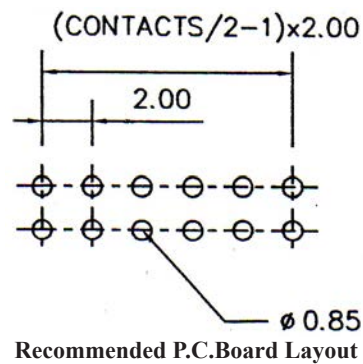
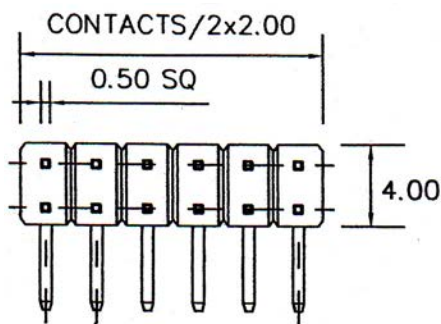
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

## 2.00MM(0.079") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=2.00MM

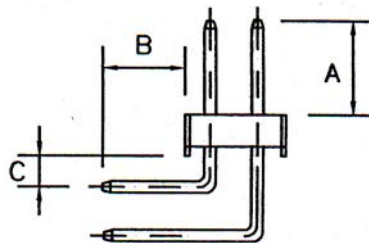
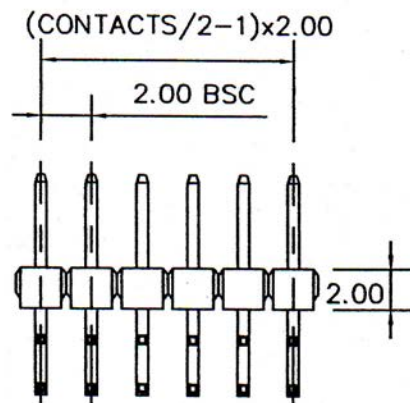


### SPECIFICATIONS

Current Rating: 1.0 Amp  
Dielectric Withstand: 1000V AC  
Insulator Resistance: 5000 MΩ min.  
Contact Resistance: 20mΩ Max.  
Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
P.B.T or Nylon-6T  
Contacts: Copper Alloys  
All materials must be RoHS compliant.



### ORDERING INFORMATION:

CODE:  $2 \ 0 \ 2 \ \underline{2} \ \underline{D} \ \underline{1} - \frac{A}{2} / \frac{B}{C} - \frac{x \ x \ x \ x}{3 \ 4} B / \frac{xx}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N  $P \ \frac{x \ x \ x \ x \ x \ x \ x}{YY \ MM \ DD} - \frac{x \ x \ x \ x}{3 \ 4} B$

1. EXTERIOR CODE:  
2D1

2. DIMENSION A/B/C (UNIT: mm)

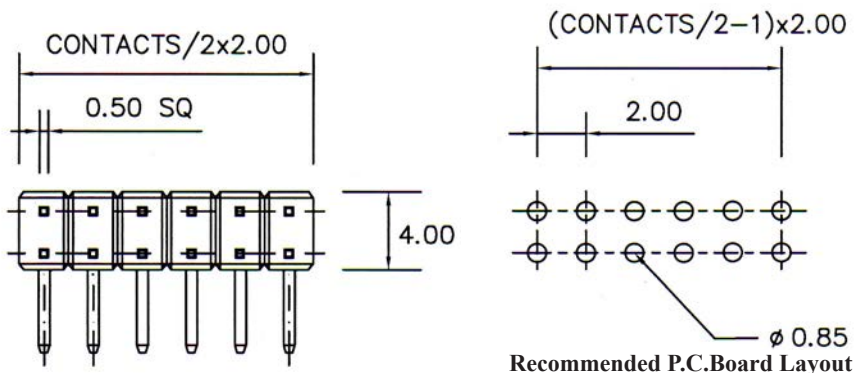
3. NO. OF CONTACTS:  
004 ~ 080

4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:  
" " PBT  
"6T" NYLON-6T



## 2.00MM(0.079") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE PROFILE=2.00MM

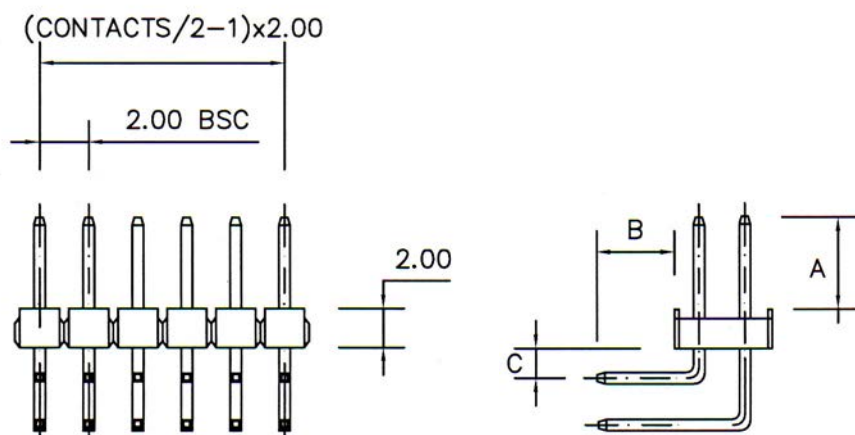


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 M $\Omega$  min.  
**Contact Resistance:** 20m $\Omega$  Max.  
**Operating Temperature:** -55 $^{\circ}$ C to + 105 $^{\circ}$ C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 P.B.T or Nylon-6T  
**Contacts:** Copper Alloys  
 All materials must be RoHS compliant.



### ORDERING INFORMATION:

**CODE: 2 0 2 2 R 1 - A/B/C - x x x x B / x x**  
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**  
 Y Y M M D D 3 4

1. EXTERIOR CODE:

2R1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

004 ~ 080

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

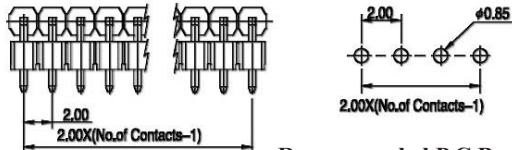
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

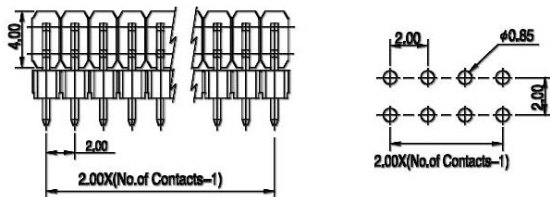
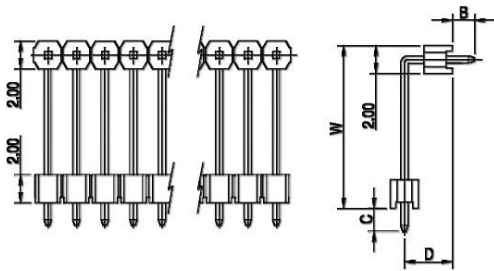
" " PBT

"6T" NYLON-6T

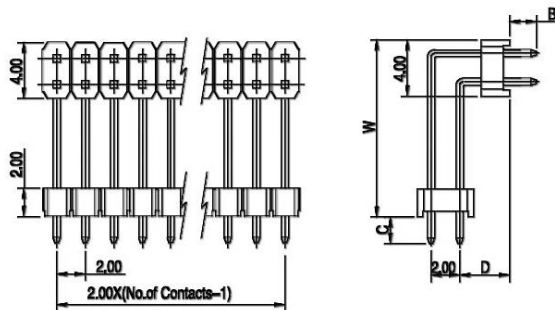
## 2.00MM (0.079") PIN HEADER RIGHT ANGLE DIP TYPE ROFILE=2.00MM



Recommended P.C.Board Layout



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 3 A

Insulator Resistance: 5000M $\Omega$  Min.

Dielectric Strength: 500V AC Min.

Operating Temperature: -40 $^{\circ}$ c to +105 $^{\circ}$ c

### MATERIALS

Insulator: High Temperatur Thermoplastic,  
UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

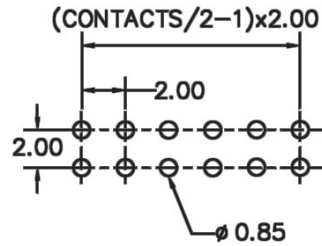
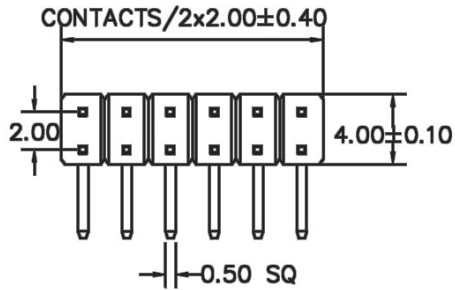
SINGLE ROW	DOUBLE ROW	B	C	D	W
A35	A37	4.00	3.30	3.90	8.60
A36	A38	4.20	3.30	3.90	9.70

### ORDERING INFORMATION:

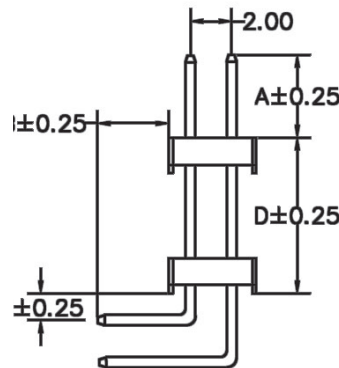
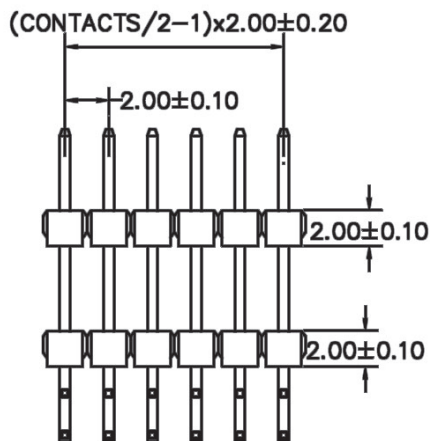
P/N 20  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B /  $\frac{6T}{4}$

- CONTACT TYPE:  
A35, A36, A37, A38
- NO. OF CONTACTS:  
002 ~ 040 FOR SINGLE ROW  
004 ~ 080 FOR DOUBLE ROW
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- INSULATOR MATERIAL:  
"6T" NYLON 6T

## 2.00MM (0.079") PIN HEADER DOUBLE ROW RIGHT ANGLE TYPE ROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1.0 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Dielectric Strength: 1000V AC Min.

Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0

Contact: Copper Alloy

All materials must be RoHS compliant.

CODE	A	B	C	D
P28	4.00	3.90	3.30	6.50
P29	4.20	3.90	3.30	6.80

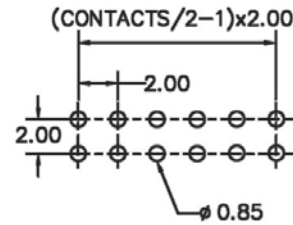
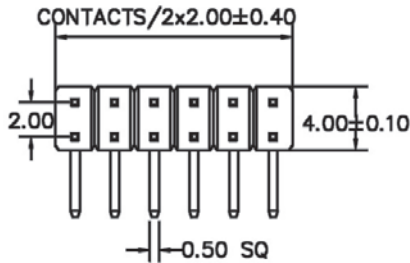
### ORDERING INFORMATION:

P/N 20  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B /  $\frac{XX}{4}$

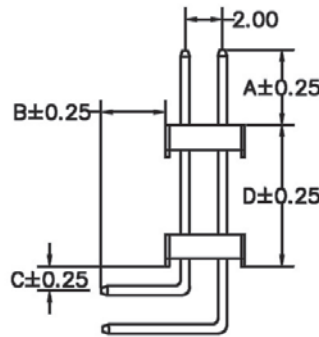
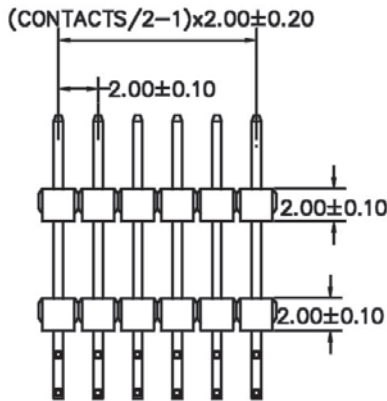
- CONTACT TYPE:  
P28, P29
- NO. OF CONTACTS:  
004 ~ 080
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- INSULATOR MATERIAL:  
" " PBT  
"6T" NYLON 6T

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGN!

**2.00MM (0.079") PIN HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=2.00MM**



Recommended P.C.Board Layout



**SPECIFICATIONS**

- Current Rating: 1 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 1000V AC/Min.
- Operating Temperature: -55°C to +105°C

**MATERIALS**

- Insulator: Thermoplastic UL94V-0
- Contact: Copper Alloy
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

**CODE: 2 0 2 2 D 4 - A/B/C/D - x x x x B / x x**  
1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**  
YY MM DD 3 4

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1. EXTERIOR CODE:<br/>2D4</li> <li>2. DIMENSION A/B/C/D (UNIT: mm)</li> <li>3. NO. OF CONTACTS:<br/>004 ~ 080</li> <li>4. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ul> | <ul style="list-style-type: none"> <li>5. INSULATOR MATERIAL:<br/>" " PBT<br/>"6T" NYLON-6T</li> </ul> |
|--|--|

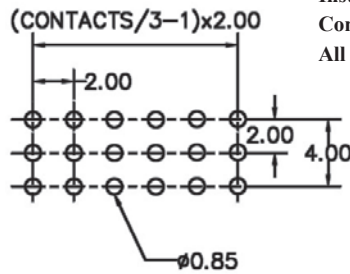
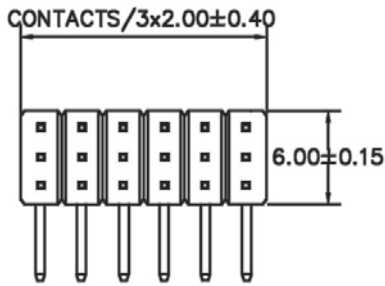
**2.00MM (0.079") PIN HEADER TRIPLE ROW RIGHT ANGLE DIP TYPE  
PROFILE=2.00MM**

**SPECIFICATIONS**

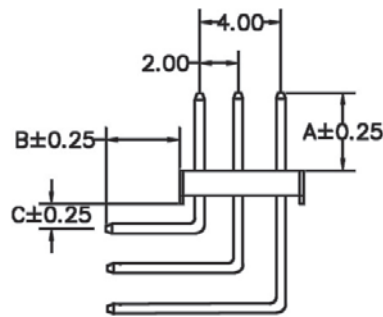
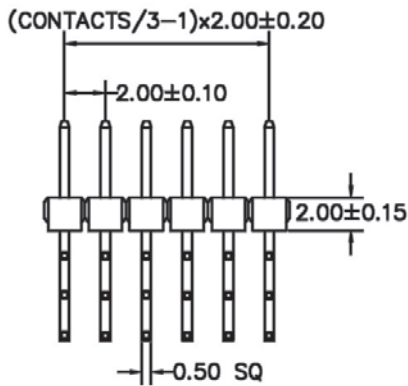
- Current Rating: 1 A
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 1000V AC/Min.
- Operating Temperature: -55°C to +105°C

**MATERIALS**

- Insulator: Thermoplastic UL94V-0
- Contact: Copper Alloy
- All materials must be RoHS compliant.



Recommended P.C.Board Layout



**ORDERING INFORMATION:**

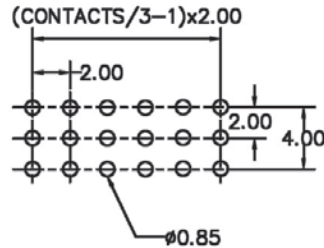
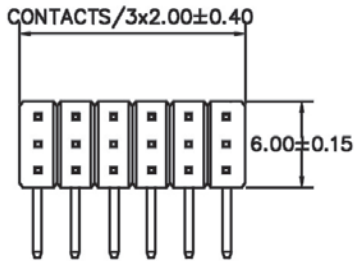
**CODE: 2 0 2 3 D 1 - A/B/C - x x x x B / x x**  
 1 2 3 4 5

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

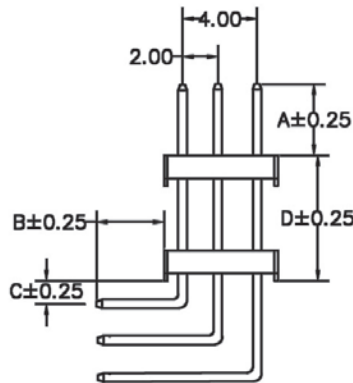
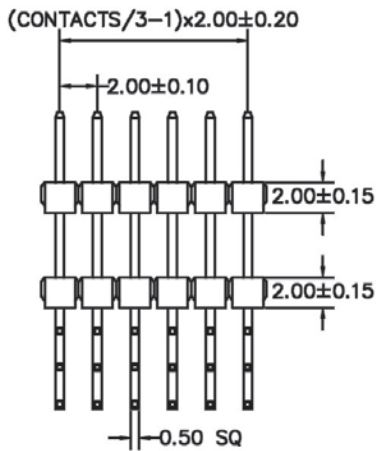
**P/N P x x x x x x x - x x x x B**  
 YY MM DD 3 4

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1. EXTERIOR CODE:<br/>3D1</li> <li>2. DIMENSION A/B/C (UNIT: mm)</li> <li>3. NO. OF CONTACTS:<br/>006 ~ 120</li> <li>4. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ul> | <ul style="list-style-type: none"> <li>5. INSULATOR MATERIAL:<br/>" " PBT<br/>"6T" NYLON-6T</li> </ul> |
|--|--|

## 2.00MM (0.079") PIN HEADER TRIPLE ROW RIGHT ANGLE TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1 A  
Contact Resistance: 20mΩ Max.  
Insulator Resistance: 5000MΩ Min.  
Withstanding Voltage: 1000V AC/Min.  
Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: Thermoplastic UL94V-0  
Contact: Copper Alloy  
All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 0 2 3 D 4 -  $\frac{A}{1}$ / $\frac{B}{2}$ / $\frac{C}{3}$ / $\frac{D}{4}$  -  $\frac{XXXX}{3}$  B /  $\frac{XX}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{XXXXXX}{YY}$  MM DD -  $\frac{XXXX}{3}$  B /  $\frac{XX}{4}$

1. EXTERIOR CODE:

3D4

2. DIMENSION A/B/C/D (UNIT: mm)

3. NO. OF CONTACTS:

006 ~ 120

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

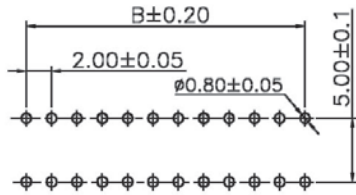
"T" FULL TIN PLATED

5. INSULATOR MATERIAL:

" " PBT

"6T" NYLON 6T

## 2.00MM(0.079") PIN HEADER SINGLE ROW "U" TYPE PROFILE=2.00MM



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

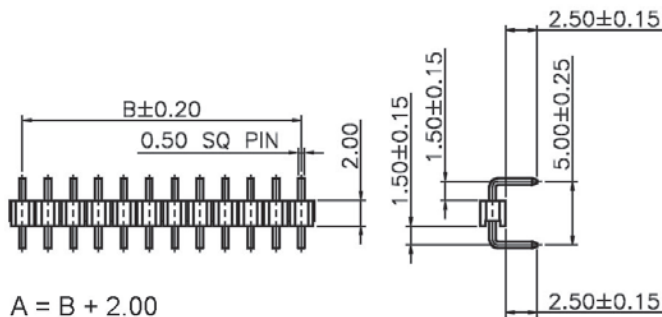
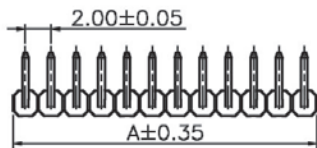
Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.



$$A = B + 2.00$$

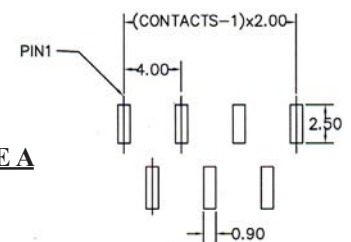
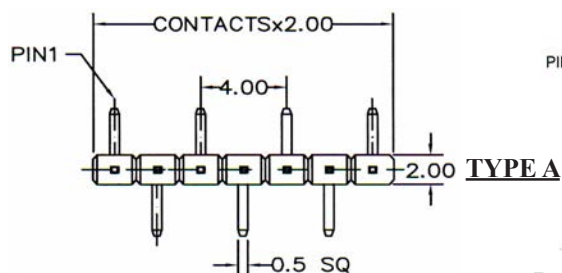
$$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

### ORDERING INFORMATION:

P/N  $20 \frac{K13}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

1. CONTACT TYPE:  
"K13" U-SHAPED DIP TYPE
2. NO. OF CONTACTS:  
002 ~ 040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"0" IN BAG

## 2.00MM(0.079") PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.00MM



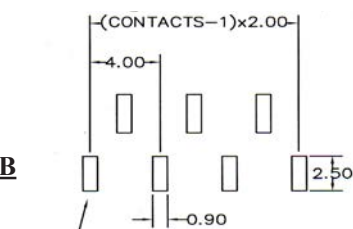
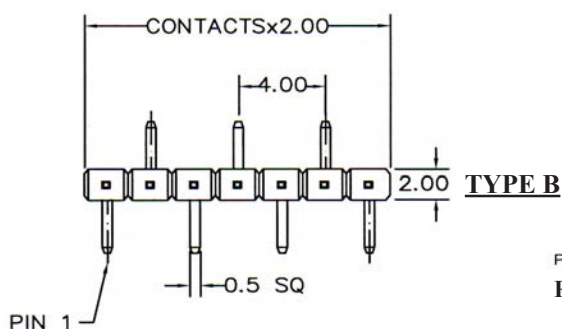
Recommended P.C.Board Layout

### SPECIFICATIONS

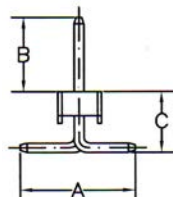
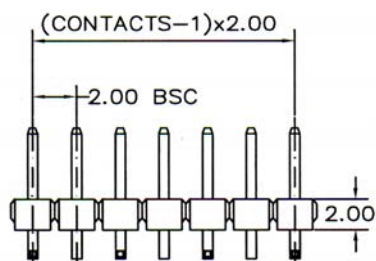
**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloys  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout



TYPE A	TYPE B	A	B	C
Q05	Q06	4.20	3.00	2.70
Q07	Q08	4.20	4.00	2.70

### ORDERING INFORMATION:

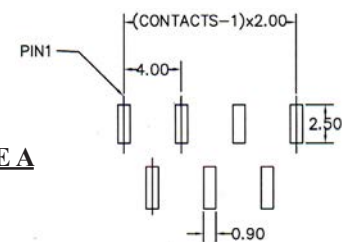
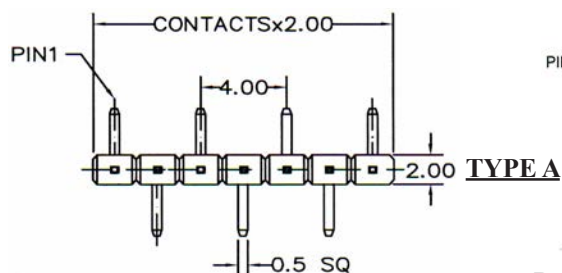
P/N 2 0  $\frac{x}{1} \frac{x}{2} \frac{x}{3} B - \frac{x}{4}$

- CONNECTOR CODE:  
Q05, Q06, Q07, Q08
- NO. OF CONTACTS:  
002 ~ 040
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD



## 2.00MM(0.079") PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.00MM



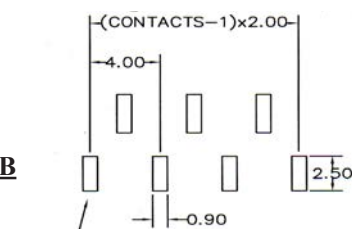
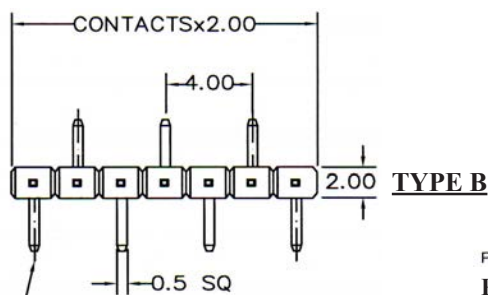
Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

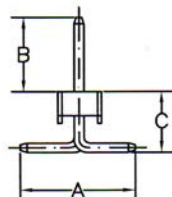
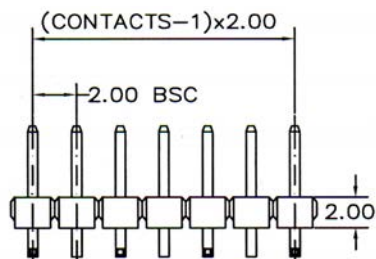
### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloys  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

PIN 1



### ORDERING INFORMATION:

CODE: 2 0 0 1 M 1 - A/B/C - x x x x B - x x  
 1 2 3 4 5 6

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x - x x x x B  
 YY MM DD 3 4

1. EXTERIOR CODE:

1M1

2. DIMENSION A/B/C (UNIT: mm)

3. NO. OF CONTACTS:

002 ~ 040

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

5. PCB LAYOUT TYPE:

"A" TYPE A

"B" TYPE B

6. PAD & PACKAGE OPTION:

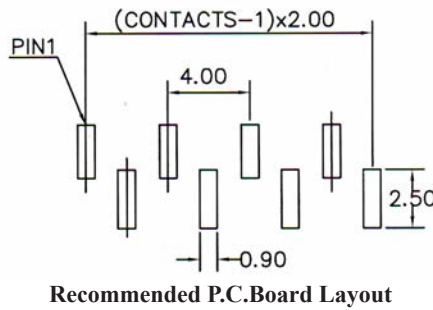
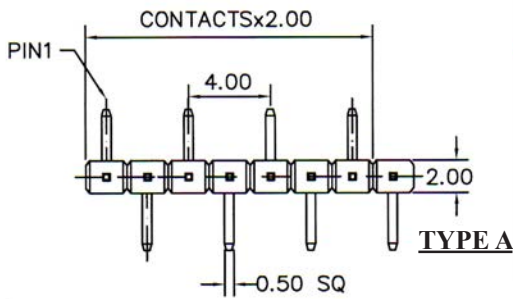
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") PIN HEADER SINGLE ROW SMT TYPE PROFILE=2.00MM

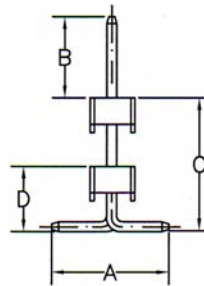
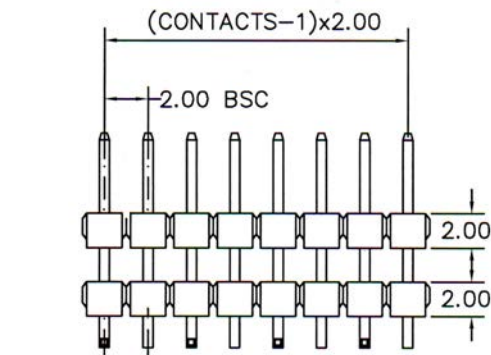
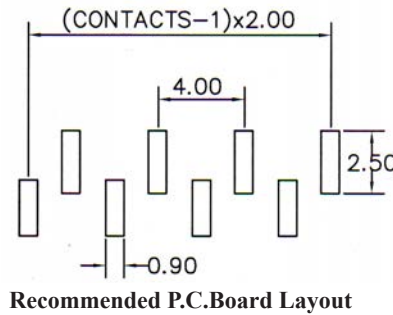
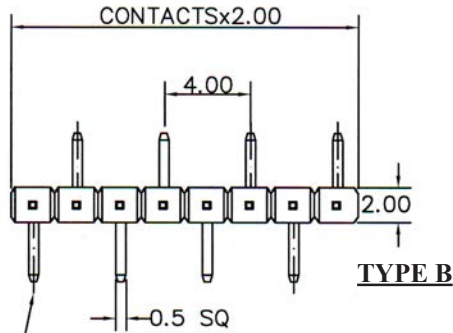


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**



### ORDERING INFORMATION:

**CODE: 2 0 0  $\frac{1}{1}$  M 4 -  $\frac{A/B/C/D}{2}$  -  $\frac{x x x}{3}$   $\frac{x}{4}$  B -  $\frac{x x}{5 6}$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

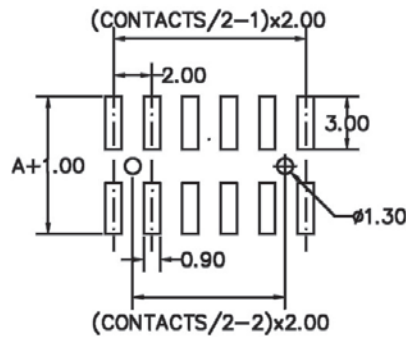
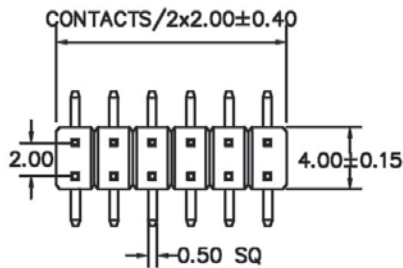
**P/N P  $\frac{x x x x x x}{Y Y M M D D}$  -  $\frac{x x x x}{3 4}$  B**

- EXTERIOR CODE:  
1M4
- DIMENSION A/B/C/D (UNIT: mm)
- NO. OF CONTACTS:  
002 ~ 040
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

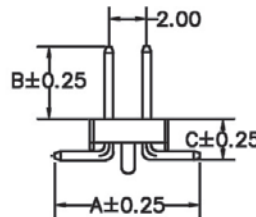
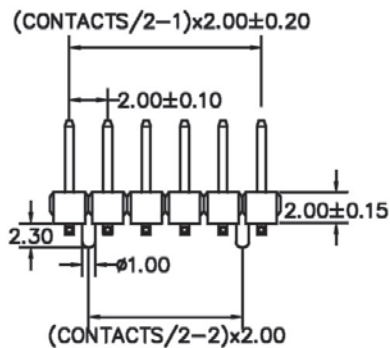
- PCB LAYOUT TYPE:  
"A" TYPE A  
"B" TYPE B
- PAD & PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM (0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

W/O PEGS	WITH PEGS	DIMENSIONS(MM)		
		A	B	C
HM	HN	7.00	4.00	2.60
GQ	GS	6.50	3.50	2.70
MA	MB	5.50	4.00	2.77
MK	ML	6.50	3.00	2.27

### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

#### 1. CONTACT TYPE:

HM, HN, GQ, GS,  
MA, MB, MK, ML

#### 2. NO. OF CONTACTS:

006 ~ 080

#### 3. CONTACT FINISH:

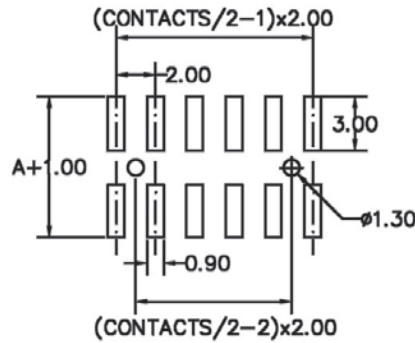
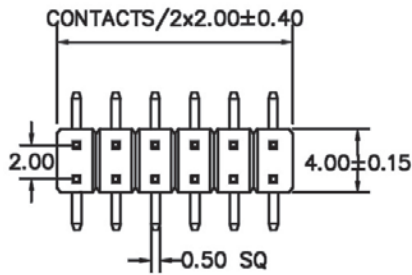
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

#### 4. PACKAGE OPTION:

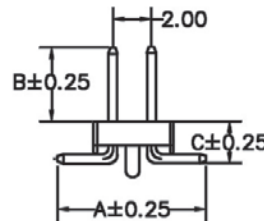
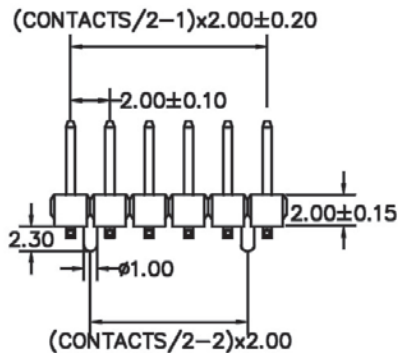
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

## 2.00MM (0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 0 2  $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4} \frac{x}{5} B - \frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

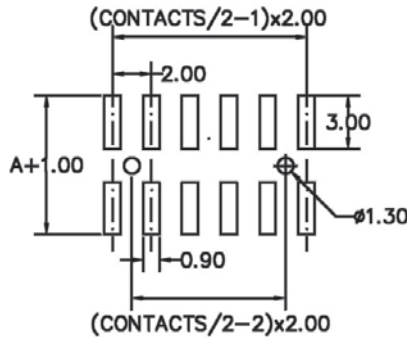
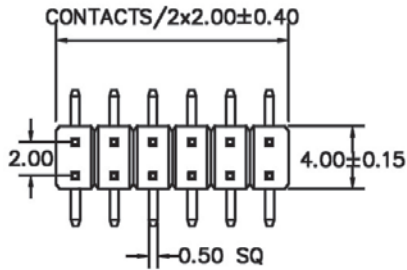
P/N P  $\frac{x}{YY} \frac{x}{MM} \frac{x}{DD} \frac{x}{3} \frac{x}{4} B$

- EXTERIOR CODE:  
 "2M2" W/O LOCATING PEG  
 "2M3" WITH LOCATING PEG
- DIMENSION A/B/C (UNIT: mm)
- NO. OF CONTACTS:  
 006 ~ 080
- CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED

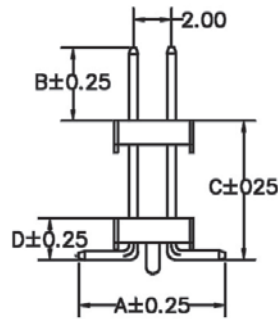
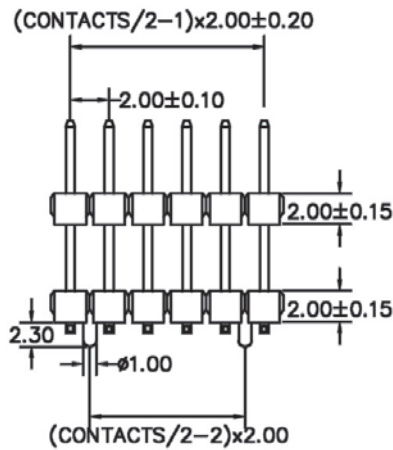
- "T" FULL TIN PLATED
- PAD & PACKAGE OPTION:  
 "T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM (0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1 A

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 1000V AC/Min.

Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

W/O PEGS	WITH PEGS	DIMENSIONS(MM)			
		A	B	C	D
M03	M04	6.30	4.00	10.50	2.30
M05	M06	6.30	4.57	9.40	2.30
M07	M08	6.30	3.42	8.40	2.30
M09	M10	6.30	4.00	7.60	2.30
M13	M14	6.30	4.00	10.00	2.30
M15	M16	6.30	4.00	6.30	2.30

### ORDERING INFORMATION:

P/N 2 0  $\frac{XXX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

#### 1. CONTACT TYPE:

M03, M04, M05, M06, M07, M08  
M09, M10, M13, M14, M15, M16

#### 2. NO. OF CONTACTS:

006 ~ 080

#### 3. CONTACT FINISH:

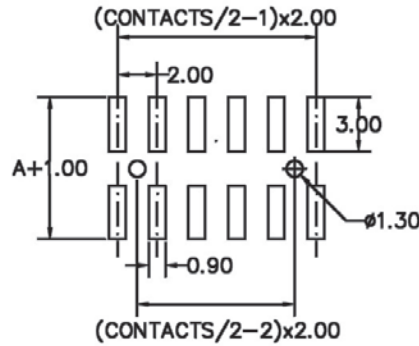
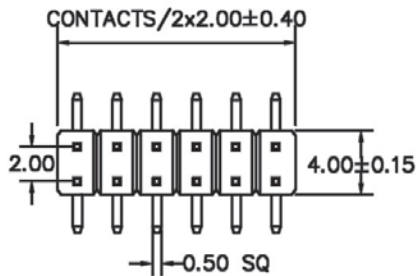
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

#### 4. PACKAGE OPTION:

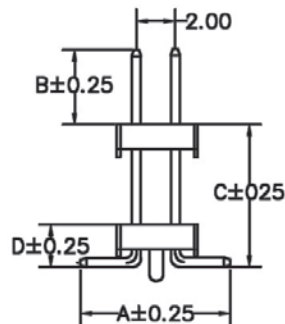
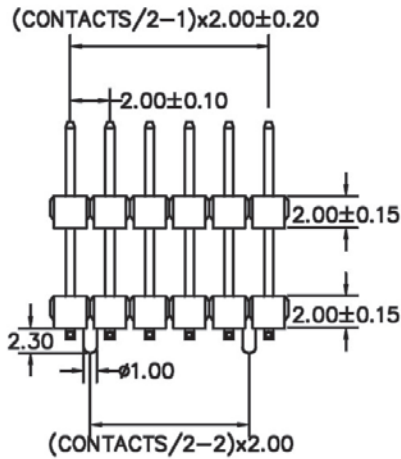
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!

## 2.00MM (0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 1 A  
 Contact Resistance: 20mΩ Max.  
 Insulator Resistance: 5000MΩ Min.  
 Withstanding Voltage: 1000V AC/Min.  
 Operating Temperature: -55°C to +105°C

### MATERIALS

Insulator: NY6T UL94V-0, Black  
 Contact: Copper Alloy  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 0 2  $\frac{xxx}{1}$  -  $\frac{A/B/C/D}{2}$  -  $\frac{xxxx}{3}$   $\frac{B}{4}$  -  $\frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

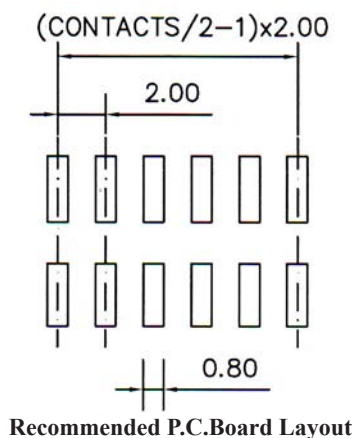
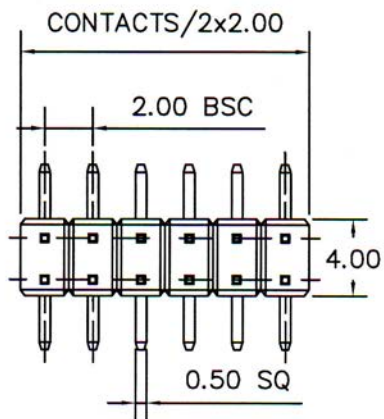
P/N P  $\frac{xxxxxx}{YY MM DD}$  -  $\frac{xxxx}{3}$   $\frac{B}{4}$

- EXTERIOR CODE:  
 "2M4" W/O LOCATING PEG  
 "2M7" WITH LOCATING PEG
- DIMENSION A/B/C/D (UNIT: mm)
- NO. OF CONTACTS:  
 004 ~ 080
- CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED

- "T" FULL TIN PLATED
- PAD & PACKAGE OPTION:  
 "T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") PIN HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM

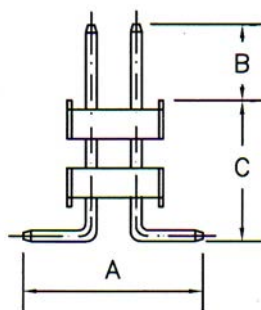
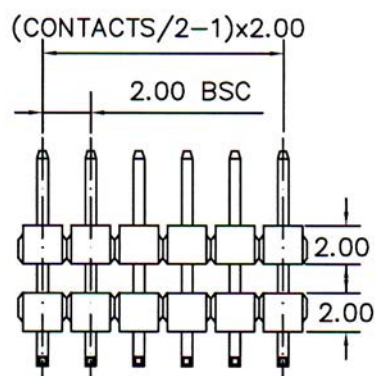


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloys  
**All materials must be RoHS compliant.**



### ORDERING INFORMATION:

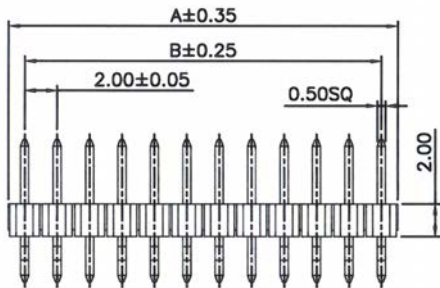
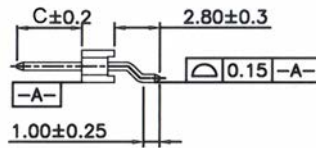
**CODE: 2 0 2 2 M 5 - A/B/C - x x x x B - x x**  
<sub>1 2 3 4 5 6</sub>

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P x x x x x x x - x x x x B**  
<sub>YY MM DD 3 4</sub>

- |   |   |
|---|---|
| <p>1. EXTERIOR CODE:<br/>2M5</p> <p>2. DIMENSION A/B/C (UNIT: mm)</p> <p>3. NO. OF CONTACTS:<br/>004 ~ 080</p> <p>4. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</p> | <p>5. LOCATING PEG OPTION:<br/>"0" W/O LOCATING PEG</p> <p>6. PAD &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL<br/>"0" IN TRAY OR BOX</p> <p>NOTE: PAD = PICK &amp; PLACE PAD</p> |
|---|---|

**2.00MM(0.079") PIN HEADER SINGLE ROW HORIZONTAL  
SMT TYPE PROFILE=2.00MM**



**200NT**

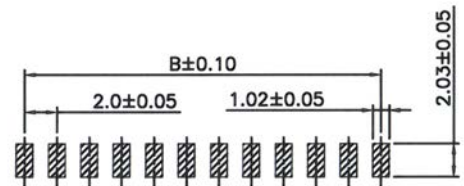
$A = B + 2.00$   
 $B = 2.00 \times (\text{NO. OF CONTACTS} - 1)$

**SPECIFICATIONS**

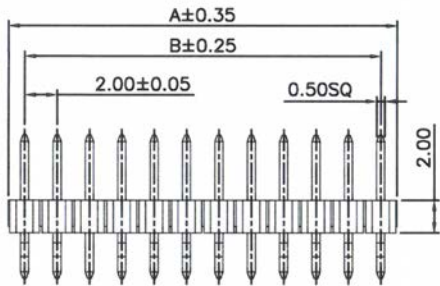
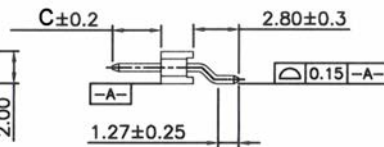
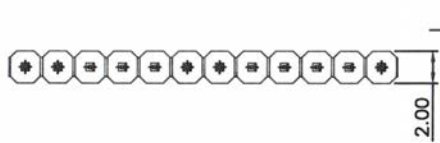
- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Brass
- All materials must be RoHS compliant.



**Recommended P.C.Board Layout**



**200NU**

$A = B + 2.00$   
 $B = 2.00 \times (\text{NO. OF CONTACTS} - 1)$

**ORDERING INFORMATION:**

**P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$**

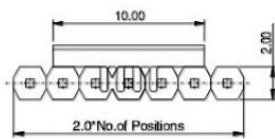
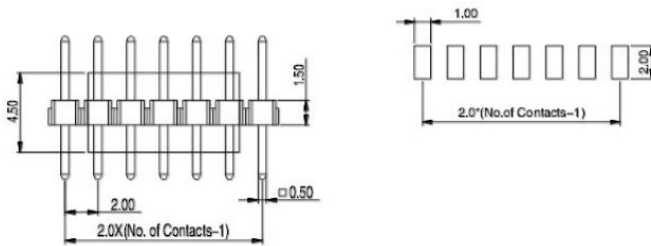
- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. CONTACT TYPE:<br/>"NT" C=4.00MM<br/>"NU" C=3.00MM</li> <li>2. NO. OF CONTACTS:<br/>002 ~ 040</li> <li>3. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</li> </ol> | <ol style="list-style-type: none"> <li>4. PAD, FILM &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL<br/>"R" W/O PAD IN TAPE &amp; REEL<br/>"F" WITH FILM IN TUBE<br/>"G" WITH FILM IN TAPE &amp; REEL<br/>"0" BULK PACKAGE</li> </ol> |
|--|--|

NOTE: PAD = PICK & PLACE PAD



## 2.00MM(0.079") PIN HEADER SINGLE ROW RIGHT ANGLE SMT TYPE

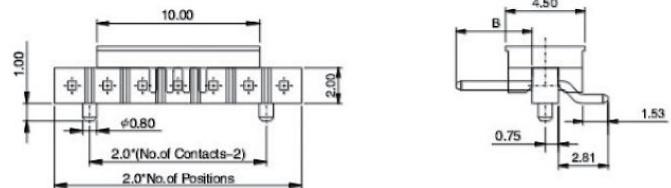
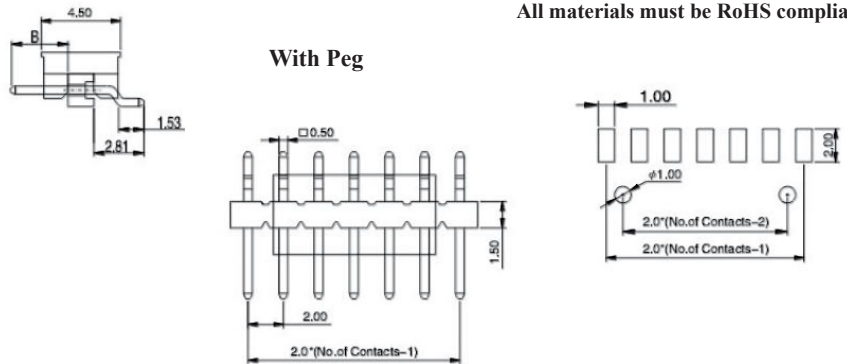
### Without Peg



Recommended P.C.Board Layout

W/O PEG	WITH PEG	DIM. B
YC	ZC	3.20MM
YF	ZF	4.45MM
YQ	ZQ	4.00MM

### With Peg



Recommended P.C.Board Layout

### SPECIFICATIONS

- Current Rating: 1Amp
- Insulation Resistance: 500MΩ Min.
- Withstanding Voltage: AC 500V
- Temperature Range: -40°C to +105°C
- Max. Processing Temp:
  - 230°C For 30~60 Seconds
  - 260°C For 10 Seconds

### MATERIAL

- Insulator: High Temperature Thermoplastic UL94V-0
- Contact: Copper Alloy
- Plating: Au or Sn Over Nickel
- All materials must be RoHS compliant.

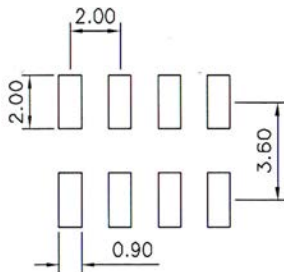
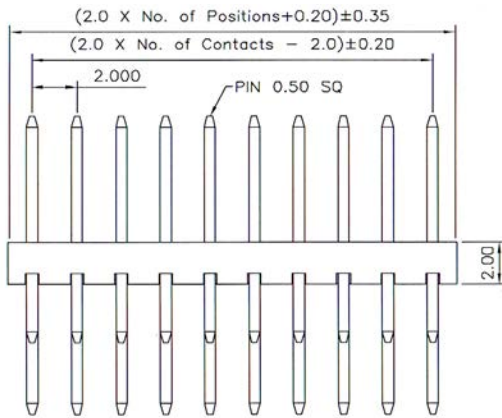
### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

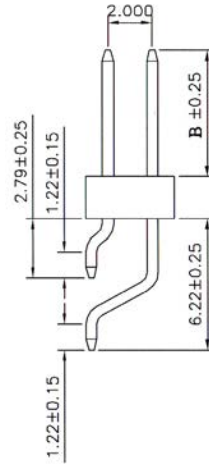
- CONNECTOR TYPE:  
YC, YF, YQ, ZC, ZF, ZQ
- NO. OF CONTACTS:  
004 ~ 036
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- PACKAGE OPTION:  
"T" WITHOUT PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

## 2.00MM(0.079") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 2 0 0  $\frac{x x}{1} - \frac{x x x x}{2 3} B - \frac{x}{4}$

1. PIN LENGTH:

"ND" B= 4.00mm

"NH" B= 3.80mm

"NK" B= 6.00mm

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

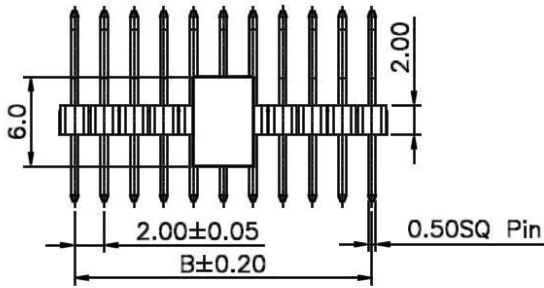
"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

**2.00MM(0.079") PIN HEADER DOUBLE ROW  
RIGHT ANGLE SMT TYPE PROFILE=2.00MM**

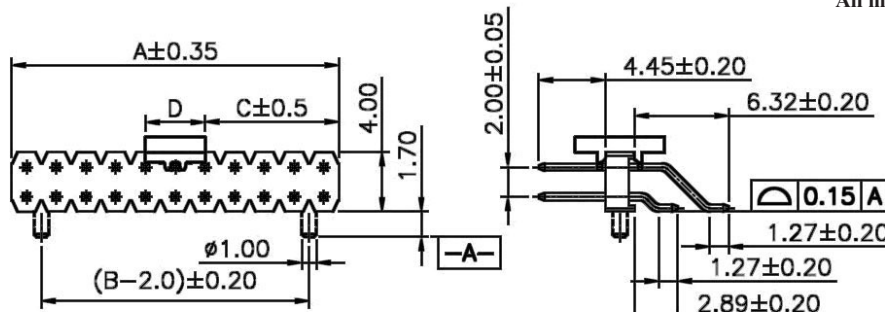


**SPECIFICATIONS**

- Current Rating: 2.0 A
- Voltage Rating: 150V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

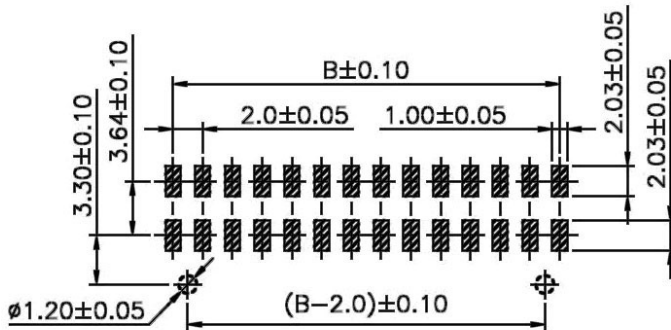
**MATERIALS**

- Insulator: NY6T UL94V-0, Black
- Contact: Brass
- All materials must be RoHS compliant.



$A = B + 2.00$

$B = 2.00 \times (\text{NO. OF CONTACTS / ROW} - 1)$



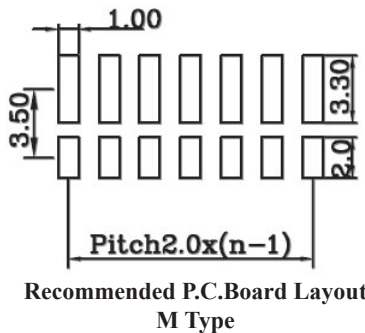
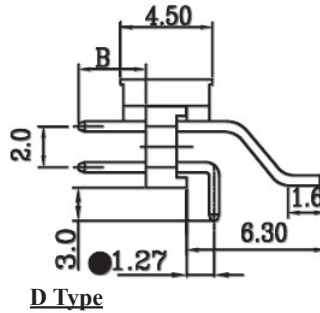
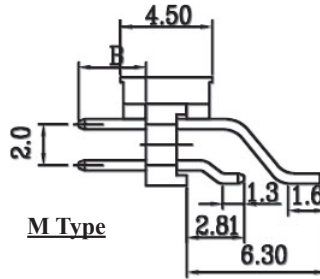
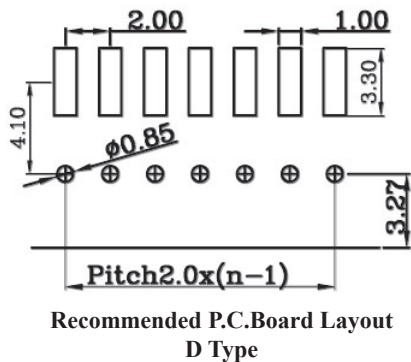
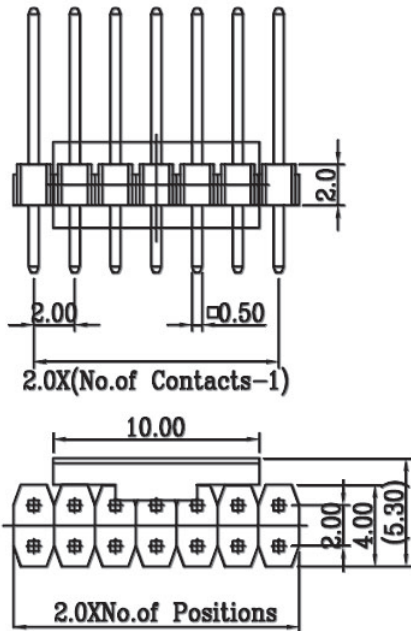
Recommended P.C.Board Layout

**ORDERING INFORMATION:**

**P/N 2 0 0  $\frac{X X}{1} - \frac{X X X X}{2} \frac{X}{3} B - \frac{X}{4}$**

- |  |  |
|--|--|
| <p>1. CONTACT TYPE:<br/>"NV" WITHOUT LOCATING PEGS<br/>"NW" WITH LOCATING PEGS</p> <p>2. NO. OF CONTACTS:<br/>004 ~ 080</p> <p>3. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</p> | <p>4. PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL</p> <p>NOTE: PAD = PICK &amp; PLACE PAD</p> |
|--|--|

**2.00MM(0.079") PITCH PIN HEADER DOUBLE ROW  
SMT TYPE WITHOUT LOCATING PEGS PROFILE=2.00MM**



**SPECIFICATIONS**

Current Rating: 1Amp  
Insulation Resistance: 500MΩ Min.  
Withstanding Voltage: AC 500V  
Temperature Range: -40°C to +105°C  
Max. Processing Temp:  
230°C For 30~60 Seconds  
260°C For 10 Seconds

**MATERIAL**

Insulator: High Temperature Thermoplastic UL94V-0  
Contact: Copper Alloy  
Plating: Au or Sn Over Nickel  
All materials must be RoHS compliant.

M TYPE	D TYPE	DIM. B
YJ	YK	3.20MM
YM	YN	4.45MM
YT	YU	4.00MM

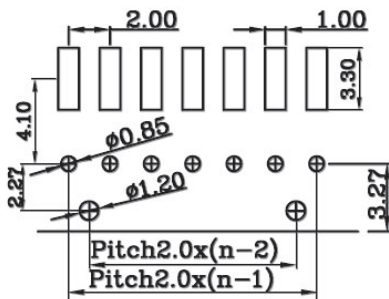
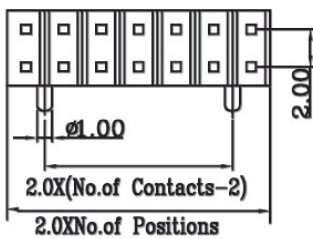
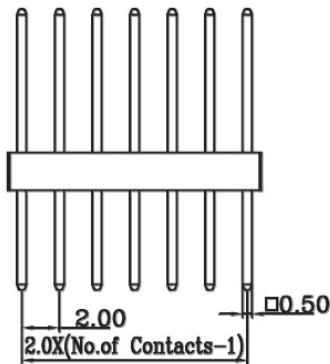
**ORDERING INFORMATION:**

P/N 200  $\frac{XX}{1} - \frac{XXX}{2} \frac{X}{3} B - \frac{X}{4}$

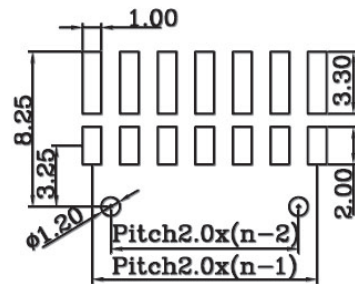
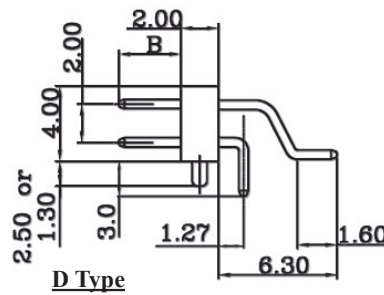
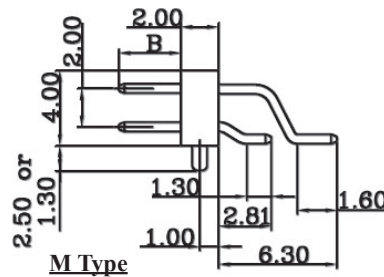
- CONNECTOR TYPE:  
YJ, YM, YT, YK, YN, YU
- NO. OF CONTACTS:  
006 ~ 072
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- PACKAGE OPTION:  
"T" WITHOUT PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

**2.00MM(0.079") PITCH PIN HEADER DOUBLE ROW  
SMT TYPE WITH LOCATING PEGS PROFILE=2.00MM**



Recommended P.C.Board Layout  
D Type



Recommended P.C.Board Layout  
M Type

**SPECIFICATIONS**

Current Rating: 1Amp  
Insulation Resistance: 500MΩ Min.  
Withstanding Voltage: AC 500V  
Temperature Range: -40°C to +105°C  
Max. Processing Temp:  
230°C For 30~60 Seconds  
260°C For 10 Seconds

**MATERIAL**

Insulator: High Temperature  
Thermoplastic UL94V-0  
Contact: Copper Alloy  
Plating: Au or Sn Over Nickel  
All materials must be RoHS compliant.

M TYPE	D TYPE	DIM. B
ZJ	ZK	3.20MM
ZM	ZN	4.45MM
ZT	ZU	4.00MM

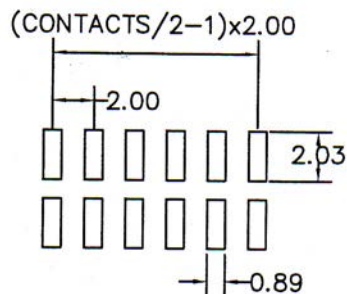
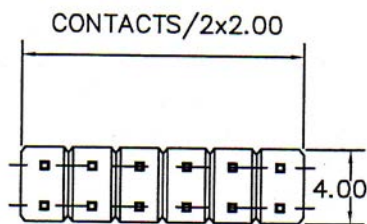
**ORDERING INFORMATION:**

P/N 200  $\frac{XX}{1} - \frac{XXX}{2} \frac{X}{3} B - \frac{X}{4}$

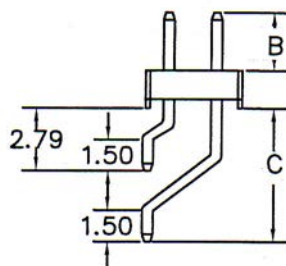
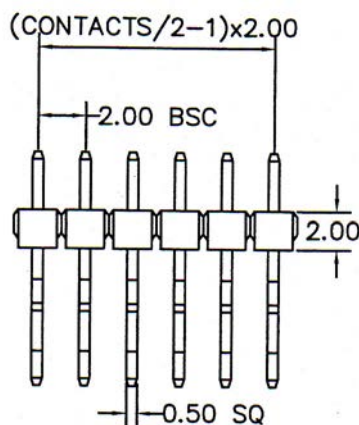
- CONNECTOR TYPE:  
ZJ, ZM, ZT, ZK, ZN, ZU
- NO. OF CONTACTS:  
006 ~ 072
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED
- PACKAGE OPTION:  
"T" WITHOUT PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

## 2.00MM(0.079") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout



### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 1000V AC  
**Insulator Resistance:** 5000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloys  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

**CODE: 2 0 2  $\frac{2}{1}$  J 1 -  $\frac{B/C}{2}$  -  $\frac{x x x x}{3 4}$  B -  $\frac{x x}{5 6}$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

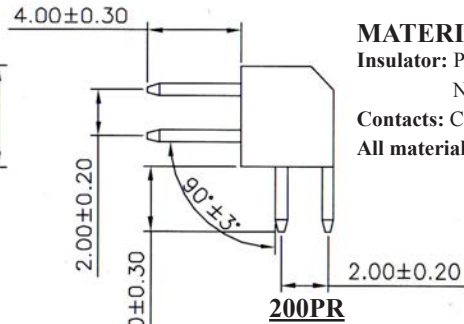
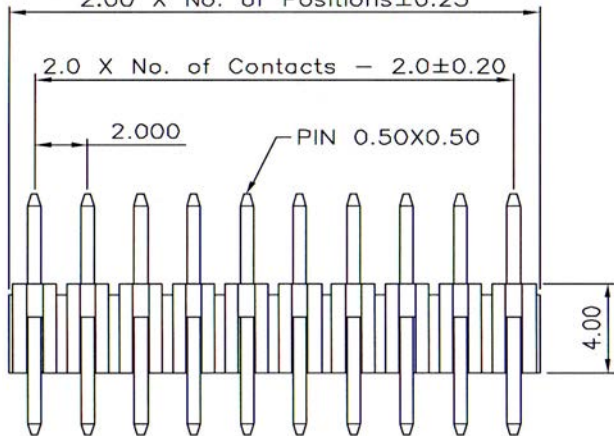
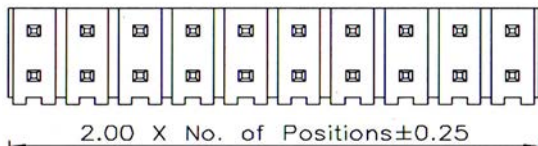
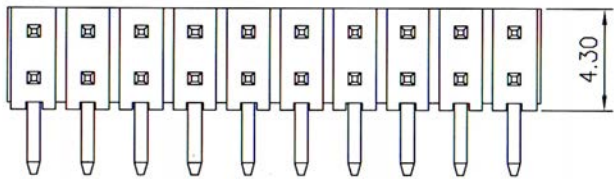
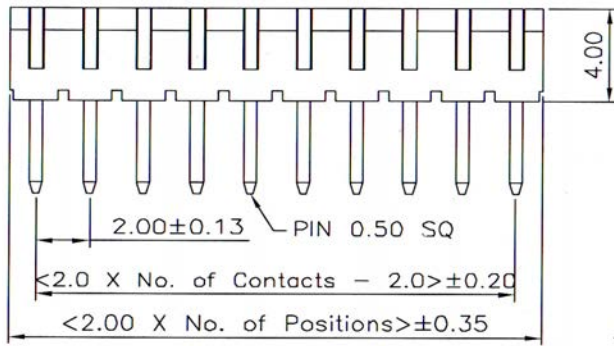
**P/N P  $\frac{x x x x x x x}{Y Y M M D D}$  -  $\frac{x x x x}{3 4}$  B**

1. EXTERIOR CODE:  
2J1
2. DIMENSION B/C (UNIT: mm)
3. NO. OF CONTACTS:  
004 ~ 080
4. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

5. LOCATING PEG OPTION:  
"0" W/O LOCATING PEG
6. PAD & PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") PIN HEADER DOUBLE ROW DIP TYPE PROFILE=4.00MM

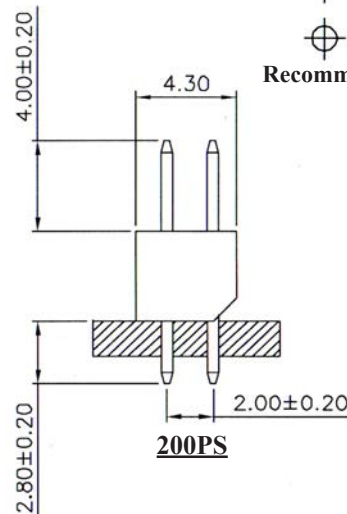
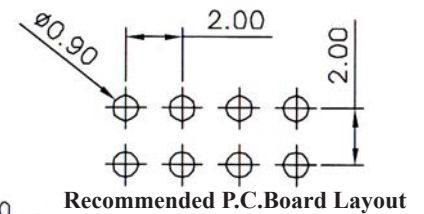


### SPECIFICATIONS

Current Rating: 2.0 Amp  
 Dielectric Withstand: 500V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



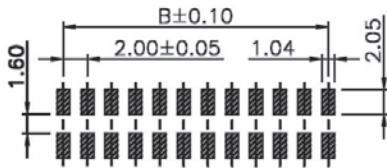
### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1} - \frac{XXX}{2} \frac{X}{3} B - \frac{X}{4}$

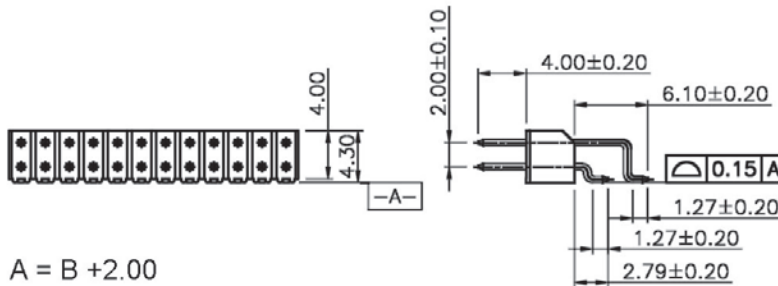
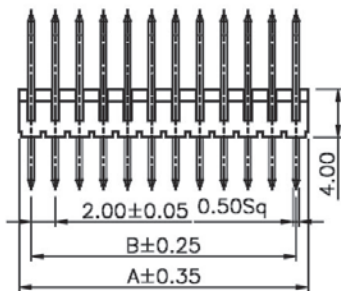
- TERMINAL TYPE:  
 "PR" RIGHT ANGLE TYPE  
 "PS" STRAIGHT TYPE
- NO. OF CONTACTS:  
 006 ~ 080
- CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED
- PACKAGE OPTION:  
 "T" WITHOUT PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL  
 "F" WITH FILM IN TUBE  
 "G" WITH FILM IN TAPE & REEL  
 " " BULK PACK

NOTE: PAD= PICK & PLACE PAD

**2.00MM(0.079") PIN HEADER DOUBLE ROW HORIZONTAL  
SMT TYPE PROFILE=4.00MM**



Recommended P.C.Board Layout



$A = B + 2.00$

$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$

**SPECIFICATIONS**

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

**MATERIALS**

Insulator: NY6T or LCP UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

**ORDERING INFORMATION:**

P/N  $20 \frac{K14}{1} - \frac{xxx}{2} \frac{x}{3} B - \frac{x}{4}$

- |  |  |
|--|--|
| <p>1. INSULATOR HEIGHT:<br/>"K14" PROFILE=4.00MM</p> <p>2. NO. OF CONTACTS:<br/>004 ~ 080</p> <p>3. CONTACT FINISH:<br/>"G" FULL GOLD PLATED<br/>"S" SELECTIVE GOLD PLATED<br/>"T" FULL TIN PLATED</p> | <p>4. PAD, FILM &amp; PACKAGE OPTION:<br/>"T" W/O PAD IN TUBE<br/>"P" WITH PAD IN TUBE<br/>"Q" WITH PAD IN TAPE &amp; REEL</p> <p>NOTE: PAD = PICK &amp; PLACE PAD</p> |
|--|--|



## 2.00MM(0.079") PITCH PIN HEADER DOUBLE ROW PRESS-FIT TYPE

### SPECIFICATIONS

**Current Rating:** 1Amp

**Insulation Resistance:** 500MΩ Min.

**Withstanding Voltage:** AC 500V

**Temperature Range:** -40°C to +105°C

**Max. Processing Temp:**

230°C For 30~60 Seconds

260°C For 10 Seconds

### MATERIAL

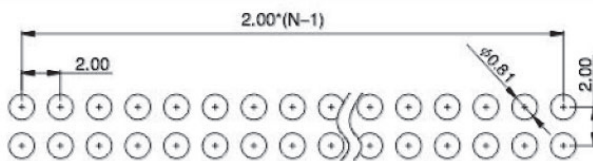
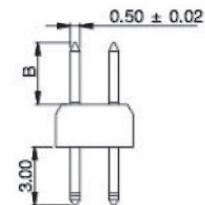
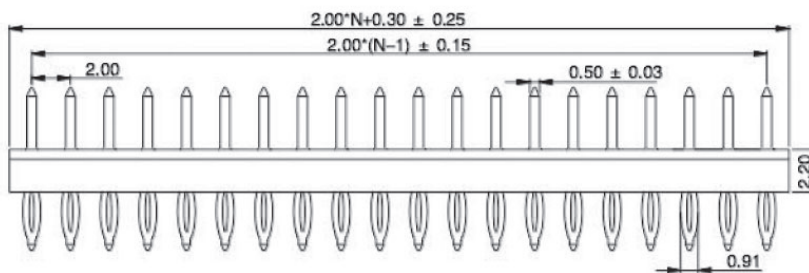
**Insulator:** High Temperature

Thermoplastic UL94V-0

**Contact:** Copper Alloy

**Plating:** Au or Sn Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 20  $\frac{1}{\text{XXX}}$  -  $\frac{2}{\text{XXX}}$   $\frac{3}{\text{X}}$   $\frac{4}{\text{B}}$

1. DIMENSION B:

"A31" B = 8.20MM

"A32" B = 3.20MM

"A33" B = 1.90MM

"A34" B = 1.65MM

2. NO. OF CONTACTS:

004 ~ 080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

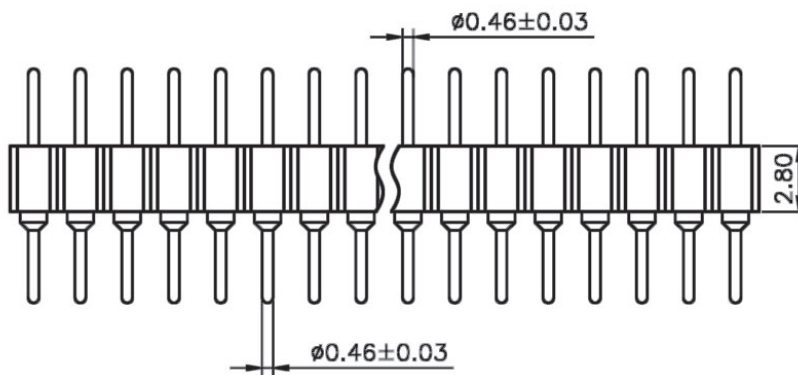
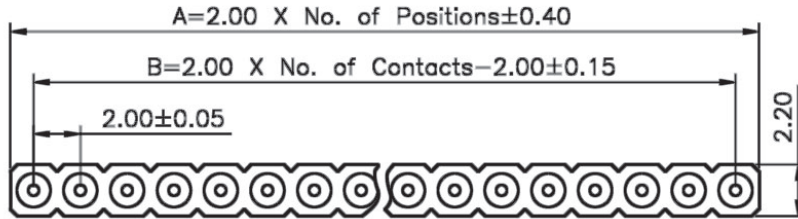
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR COLOR:

"B" BLACK

**2.00MM(0.079") PIN HEADER WITH SCREW MACHINED CONTACTS  
SINGLE ROW STRAIGHT DIP TYPE**

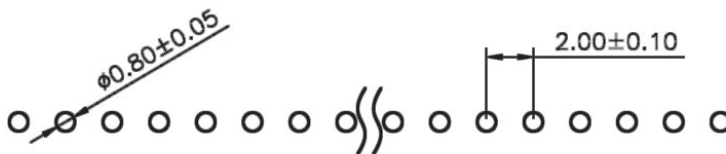
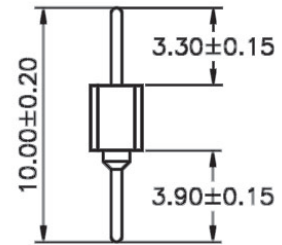


**SPECIFICATIONS**

**Current Rating:** 3.0 A  
**Voltage Rating:** 60V AC/DC  
**Contact Resistance:** 4mΩ Max.  
**Insulator Resistance:** 1000MΩ Min.  
**Operating Temperature:** -40°C to +105°C

**MATERIALS**

**Insulator:** PPS UL94V-0, Black  
**Pin:** Brass, Machined CuZn38Pb2  
 All materials must be RoHS compliant.



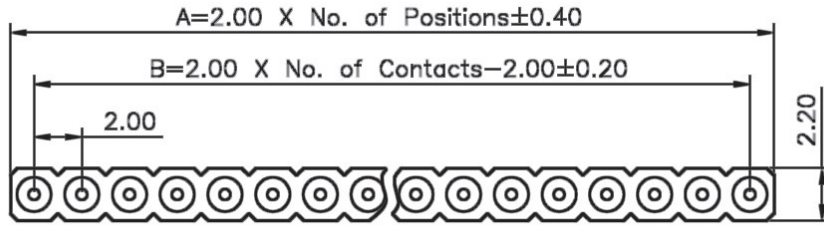
Recommended P.C.Board Layout

**ORDERING INFORMATION:**

**P/N 2 0 N 0 4 - x x x x B**

1. CONTACT TYPE:  
"N04" PIN LENGTH = 10.00MM
2. NO. OF CONTACTS:  
002 ~ 040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED (STANDARD)  
"T" FULL TIN PLATED

## 2.00MM(0.079") PIN HEADER WITH SCREW MACHINED CONTACTS SINGLE ROW STRAIGHT DIP TYPE

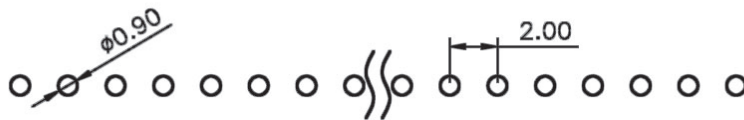
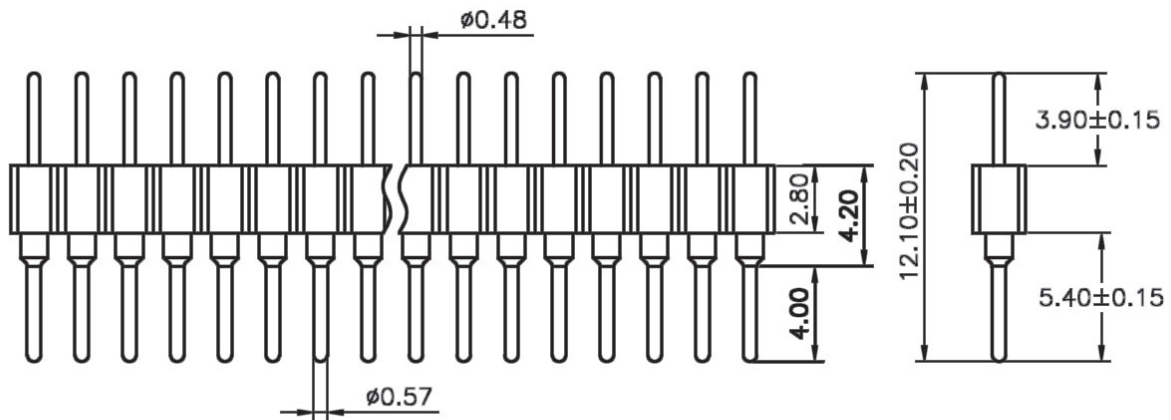


### SPECIFICATIONS

**Current Rating:** 3.0 A  
**Voltage Rating:** 60V AC/DC  
**Contact Resistance:** 4mΩ Max.  
**Insulator Resistance:** 1000MΩ Min.  
**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** PPS UL94V-0, Black  
**Pin:** Brass, Machined CuZn38Pb2  
 All materials must be RoHS compliant.



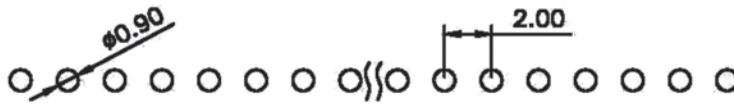
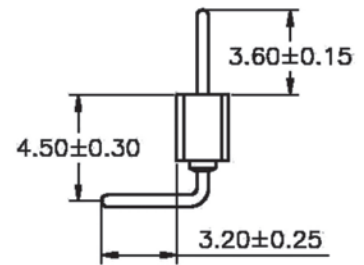
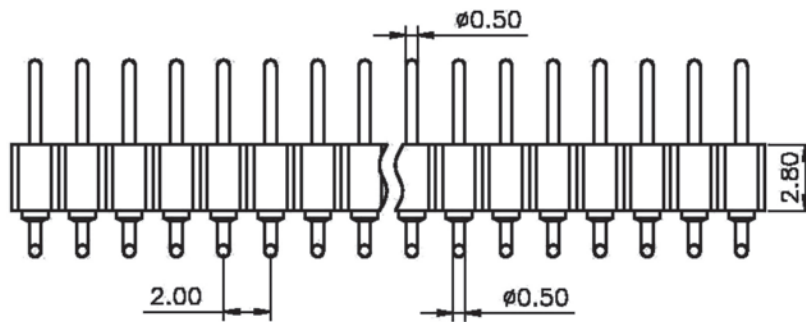
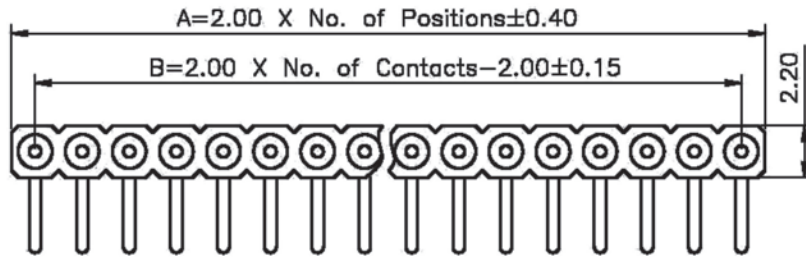
Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 2 0 N05 - x x x x B  
           1      2      3

1. CONTACT TYPE:  
"N05" PIN LENGTH = 12.10MM
2. NO. OF CONTACTS:  
002 ~ 040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED (STANDARD)  
"T" FULL TIN PLATED

## 2.00MM(0.079") PIN HEADER WITH SCREW MACHINED CONTACTS SINGLE ROW RIGHT ANGLE DIP TYPE



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 3.0 A

Voltage Rating: 60V AC/DC

Contact Resistance: 4mΩ Max.

Insulator Resistance: 1000MΩ Min.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: PPS UL94V-0, Black

Pin: Brass, Machined CuZn38Pb2

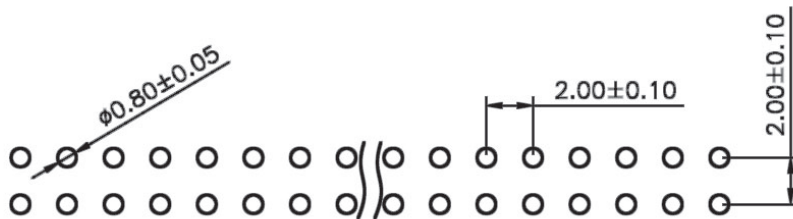
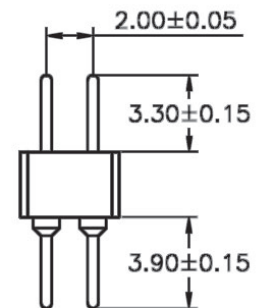
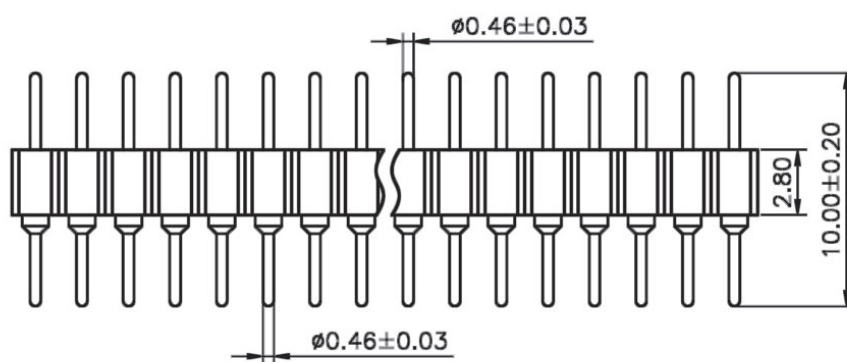
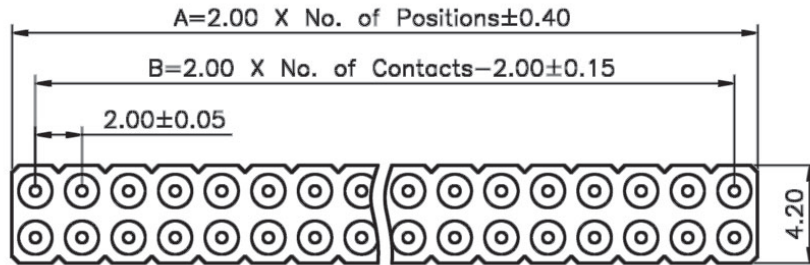
All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 2 0 N07 - x x x x B  
          1      2      3

1. CONTACT TYPE:  
"N07" SINGLE ROW RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
002 ~ 040
3. CONTACT FINISH:  
"G" FULL GOLD PLATED (STANDARD)  
"T" FULL TIN PLATED

# 2.00MM(0.079") PIN HEADER WITH SCREW MACHINED CONTACTS DOUBLE ROW STRAIGHT DIP TYPE



Recommended P.C.Board Layout

## SPECIFICATIONS

- Current Rating: 3.0 A
- Voltage Rating: 60V AC/DC
- Contact Resistance: 4mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Operating Temperature: -40°C to +105°C

## MATERIALS

- Insulator: PPS UL94V-0, Black
- Pin: Brass, Machined CuZn38Pb2
- All materials must be RoHS compliant.

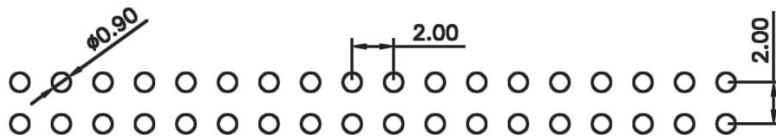
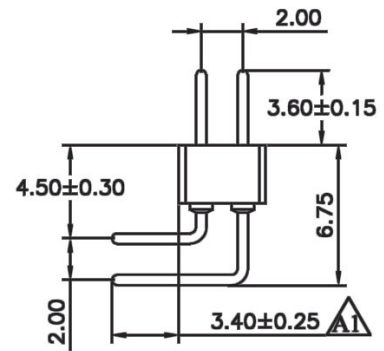
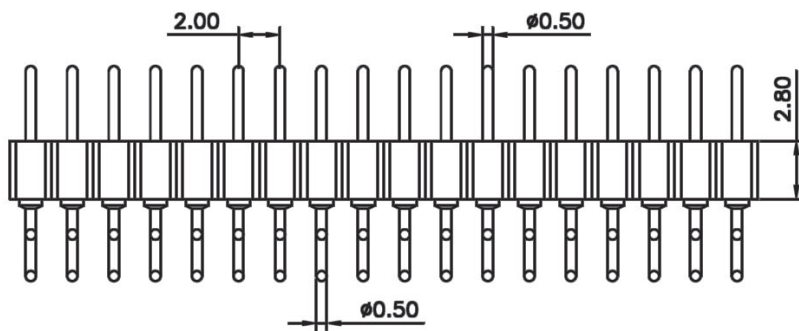
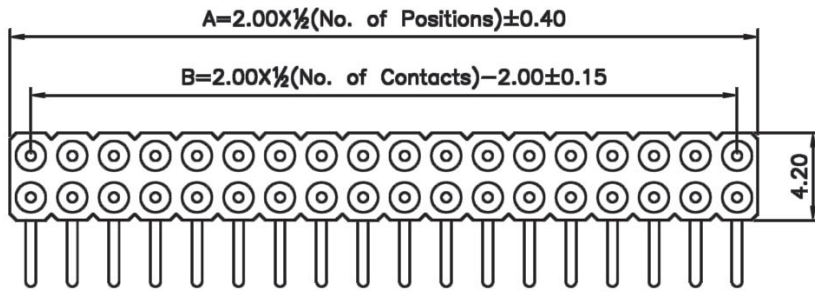
## ORDERING INFORMATION:

P/N **20** **N06** - **x** **x** **x** **x** **B**

1                    2                    3

- CONTACT TYPE:  
"N06" PIN LENGTH = 10.00MM
- NO. OF CONTACTS:  
004 ~ 080
- CONTACT FINISH:  
"G" FULL GOLD PLATED (STANDARD)  
"T" FULL TIN PLATED

**2.00MM(0.079") PIN HEADER WITH SCREW MACHINED CONTACTS  
DOUBLE ROW RIGHT ANGLE DIP TYPE**



Recommended P.C.Board Layout

**SPECIFICATIONS**

- Current Rating: 3.0 A
- Voltage Rating: 60V AC/DC
- Contact Resistance: 4mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Withstanding Voltage: 1000V AC/Min.
- Operating Temperature: -40°C to +105°C

**MATERIALS**

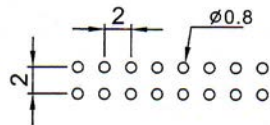
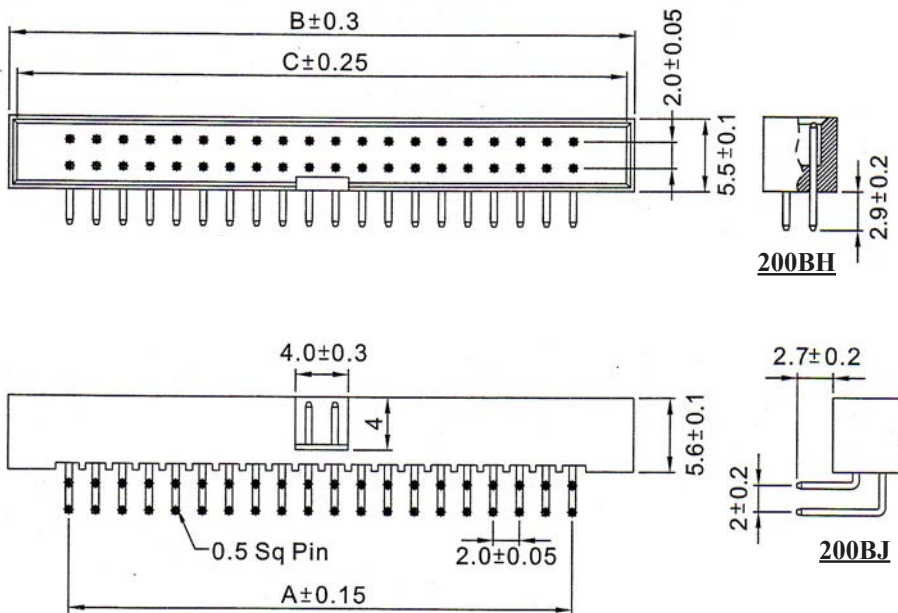
- Insulator: PPS UL94V-0, Black
- Pin: Brass, Machined CuZn38Pb2
- All materials must be RoHS compliant.

**ORDERING INFORMATION:**

**P/N 2 0 N 0 8 - x x x x B**  
1                    2                    3

1. CONTACT TYPE:  
"N08" DOUBLE ROW RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED (STANDARD)  
"T" FULL TIN PLATED

## 2.00MM(0.079") BOX HEADER DIP TYPE



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 3.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 5000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to + 105°C

**Max Process Temp:** 230°C for 30-60 Sec.  
(260°C for 10 seconds)

### MATERIALS

**Insulator:** Polyester, UL94V-0

Nylon-6T

**Contacts:** Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
6	4.00	13.20	12.10
8	6.00	15.20	14.10
10	8.00	17.20	16.10
12	10.00	19.20	18.10
14	12.00	21.20	20.10
16	14.00	23.20	22.10
18	16.00	25.20	24.10
20	18.00	27.20	26.10
22	20.00	29.20	28.10
24	22.00	31.20	30.10
26	24.00	33.20	32.10
28	26.00	35.20	34.10
30	28.00	37.20	36.10
32	30.00	39.20	38.10
34	32.00	41.20	40.10
36	34.00	43.20	42.10
38	36.00	45.20	44.10
40	38.00	47.20	46.10
44	42.00	51.20	50.10
50	48.00	57.20	56.10
54	52.00	61.20	60.10
56	54.00	63.20	62.10
60	58.00	67.20	66.10
62	60.00	69.20	68.10
64	62.00	71.20	70.10
68	66.00	75.20	74.10

### ORDERING INFORMATION:

P/N 200  $\frac{xx}{1}$  -  $\frac{xxxx}{2}$   $\frac{B}{34}$

1. TERMINAL TYPE:

"BH" STRAIGHT

"BJ" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

006 ~ 068

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. INSULATOR COLOR:

"B" BLACK (STANDARD)

"A" GRAY

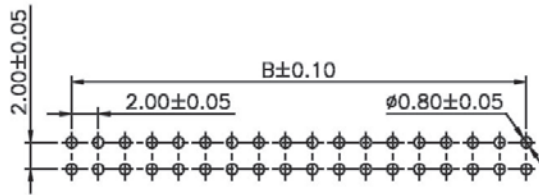
"R" RED

"U" BLUE

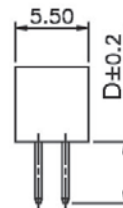
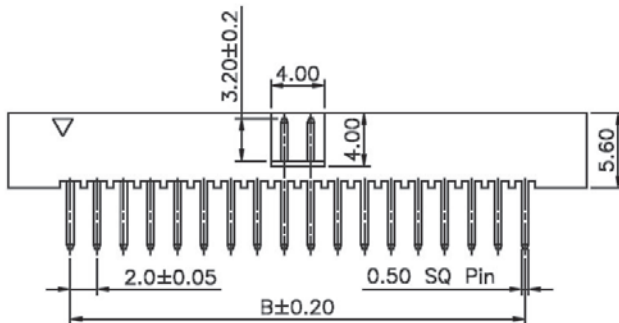
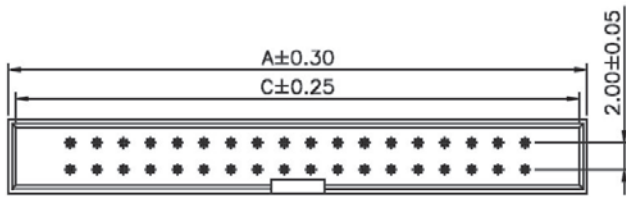
"W" WHITE

"Y" YELLOW

## 2.00MM(0.079") BOX HEADER DOUBLE ROW STRAIGHT DIP TYPE



Recommended P.C.Board Layout



$$A = B + 9.20$$

$$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

$$C = B + 8.10$$

### SPECIFICATIONS

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 1000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: NY9T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 2 0  $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4}$  B -  $\frac{x}{4}$

1. PIN LENGTH:

"H51" D=4.60MM

"H52" D=6.40MM

2. NO. OF CONTACTS:

006 ~ 068

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

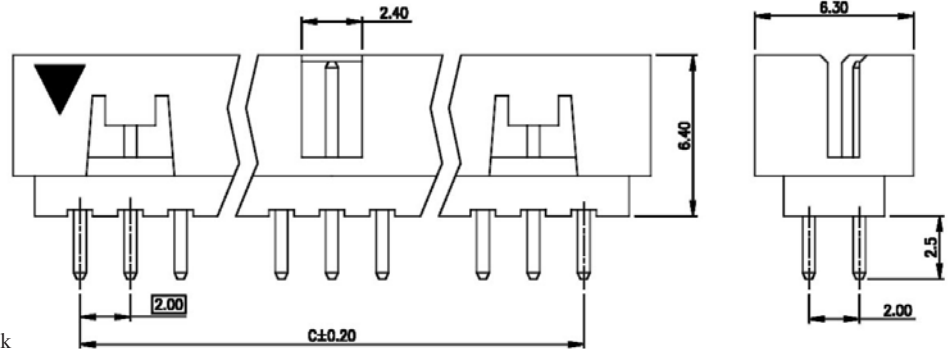
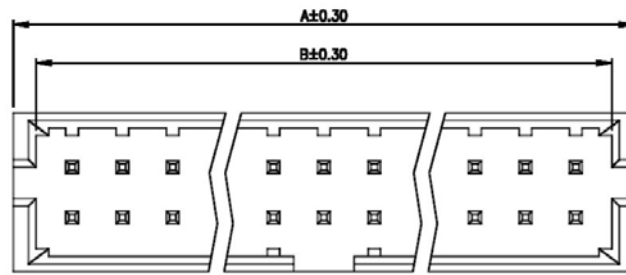
4. PACKAGE OPTION:

"0" BULK PACKAGE

"T" W/O PAD IN TUBE



## 2.00MM(0.079") BOX HEADER STRAIGHT DIP TYPE WITHOUT POSTS



### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

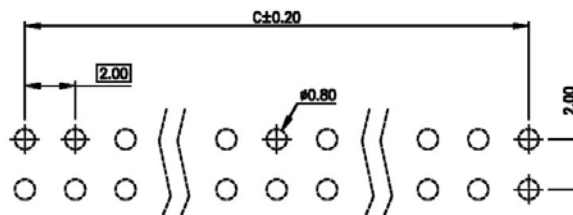
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Thermoplastic (UL 94V-0), Black

**Terminal:** Sq. 0.50mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

Dimensions			
Pos.	A	B	C
08	10.65	8.85	6.00
10	12.65	10.85	8.00
12	14.65	12.85	10.00
14	16.65	14.85	12.00
16	18.65	16.85	14.00
20	22.65	20.85	18.00
22	24.65	22.85	20.00
24	26.65	24.85	22.00
26	28.65	26.85	24.00
30	32.65	30.85	28.00
34	36.65	34.85	32.00
40	42.65	40.85	38.00
44	46.65	44.85	42.00
50	52.65	50.85	48.00

### ORDERING INFORMATION:

P/N 2 0 N 9 3 -  $\frac{x}{1}$   $\frac{x}{2}$  G B -  $\frac{x}{3}$

1. NO. OF CONTACTS:

008~050

2. CONTACT FINISH:

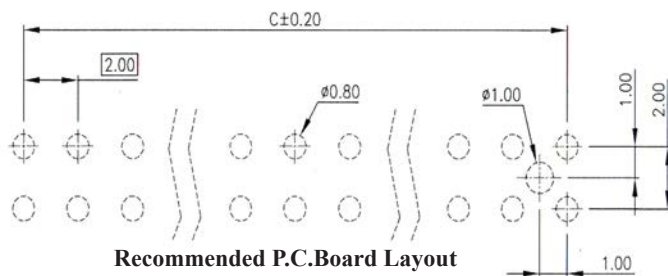
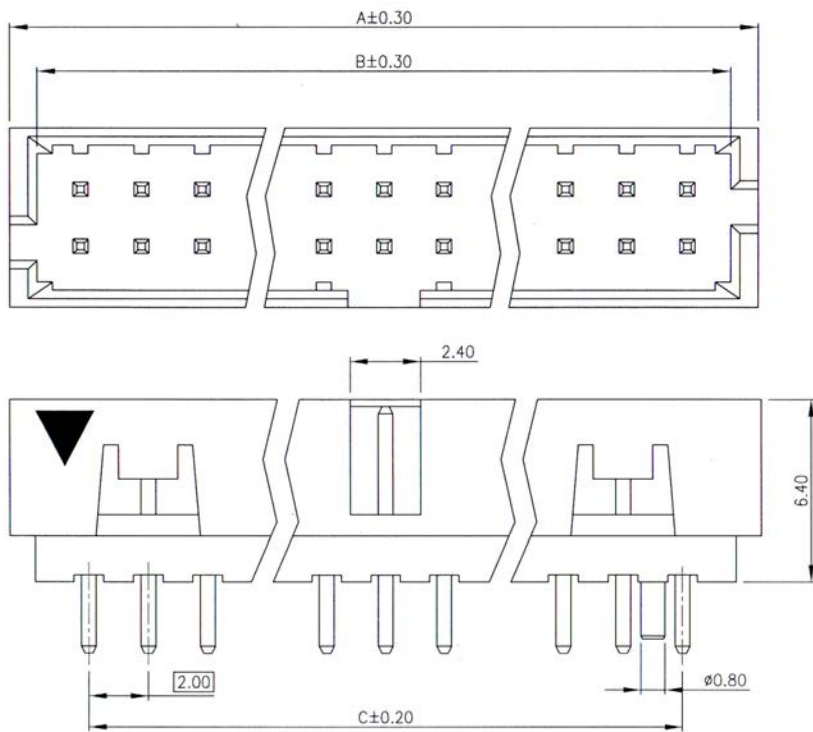
"G" FULL GOLD PLATED

3. PACKAGE TYPE:

"0" IN TRAY

"T" IN TUBE

## 2.00MM(0.079") BOX HEADER STRAIGHT DIP TYPE WITH ONE POSTS



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 800V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -55°C to + 105°C

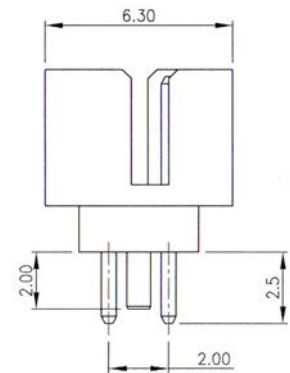
### MATERIALS

**Insulator:** Thermoplastic, UL94V-0

Nylon-6T

**Contacts:** Copper Alloy

**All materials must be RoHS compliant.**



No. of Contacts	Dimensions(mm)		
	A	B	C
10	12.65	10.85	8.00
12	14.65	12.85	10.00
14	16.65	14.85	12.00
16	18.65	16.85	14.00
20	22.65	20.85	18.00
22	24.65	22.85	20.00
24	26.65	24.85	22.00
26	28.65	26.85	24.00
30	32.65	30.85	28.00
34	36.65	34.85	32.00
40	42.65	40.85	38.00
44	46.65	44.85	42.00
50	52.65	50.85	48.00

### ORDERING INFORMATION:

**P/N 2 0 0 MS -  $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4}$  B -  $\frac{x}{4}$**

1. TERMINAL TYPE:  
"MS" STRAIGHT TYPE
2. NO. OF CONTACTS:  
010, 012, 014, 016, 020, 022, 024, 026, 030,  
034, 040, 044, 050
3. CONTACT FINISH:  
"G" FULL GOLD PLATED
4. PACKAGE TYPE:  
"0" IN TRAY  
"T" IN TUBE

## 2.00MM(0.079") BOX HEADER STRAIGHT DIP TYPE WITH DUAL POSTS

### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

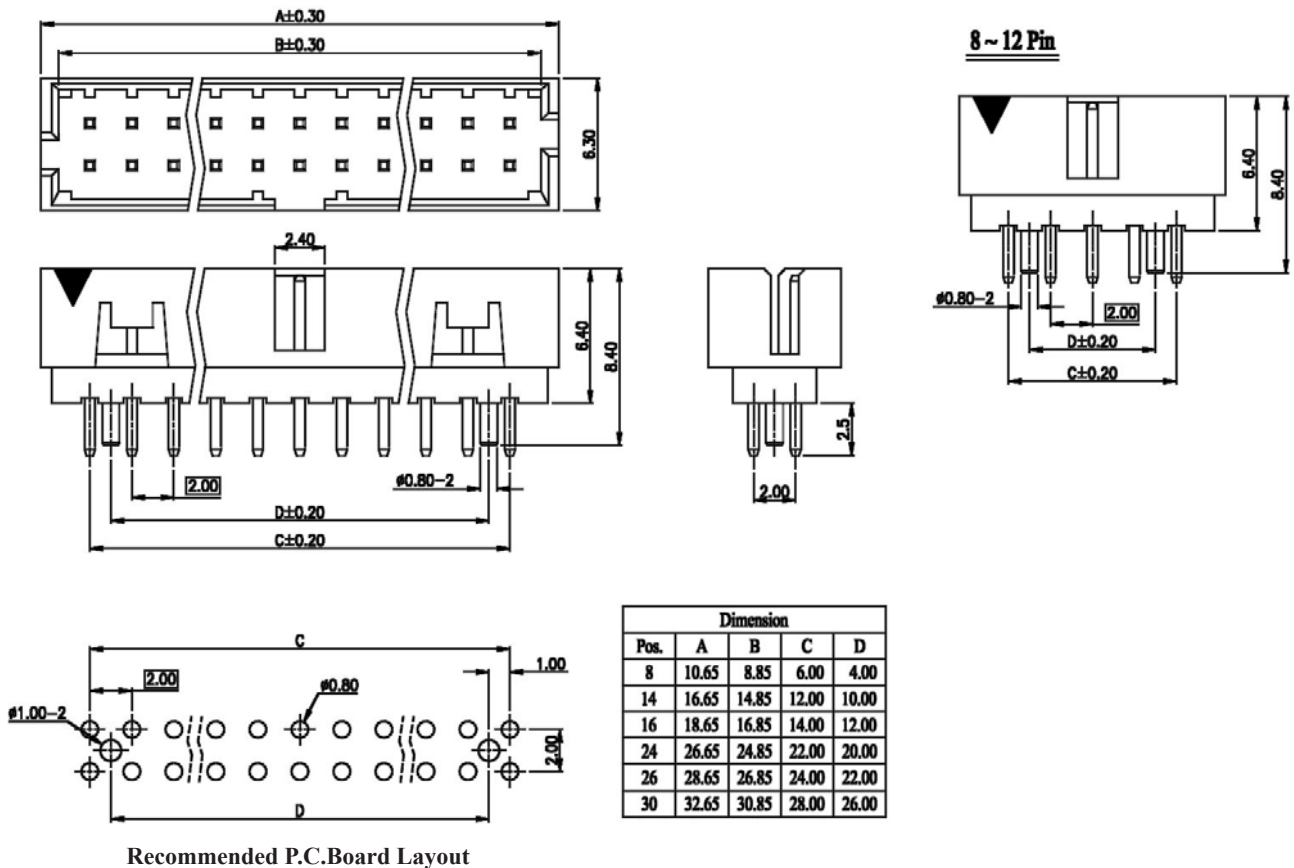
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Nylon-6T (UL 94V-0), Black

**Terminal:** Sq. 0.50mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.

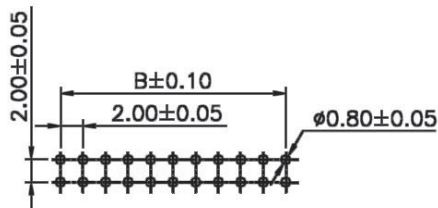


### ORDERING INFORMATION:

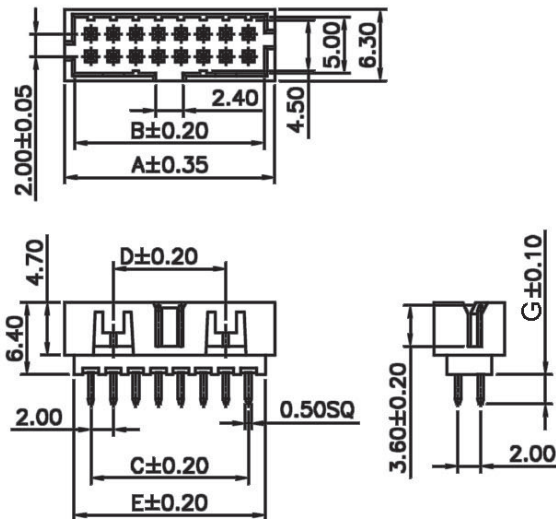
P/N 2 0 N 9 4 -  $\frac{x}{1}$   $\frac{x}{2}$  G B -  $\frac{x}{3}$

1. NO. OF CONTACTS:  
008~030
2. CONTACT FINISH:  
"G" FULL GOLD PLATED
3. PACKAGE TYPE:  
"0" IN TRAY  
"T" IN TUBE

## 2.00MM(0.079") BOX HEADER DOUBLE ROW STRAIGHT DIP TYPE



Recommended P.C.Board Layout



### SPECIFICATIONS

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: LCP UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
08	10.65	8.85	6.00	9.00	
10	12.65	10.85	8.00	11.00	
12	14.65	12.85	10.00	13.00	
14	16.65	14.85	12.00	15.00	8.00
16	18.65	16.85	14.00	17.00	10.00
18	20.65	18.85	16.00	19.00	12.00
20	22.65	20.85	18.00	21.00	14.00
22	24.65	22.85	20.00	23.00	16.00
24	26.65	24.85	22.00	25.00	18.00
26	28.65	26.85	24.00	27.00	20.00
28	30.65	28.85	26.00	29.00	22.00
30	32.65	30.85	28.00	31.00	24.00
32	34.65	32.85	30.00	33.00	26.00
34	36.65	34.85	32.00	35.00	28.00
36	38.65	36.85	34.00	37.00	30.00
38	40.65	38.85	36.00	39.00	32.00
40	42.65	40.85	38.00	41.00	34.00
42	44.65	42.85	40.00	43.00	36.00
44	46.65	44.85	42.00	45.00	38.00
46	48.65	46.85	44.00	47.00	40.00
48	50.65	48.85	46.00	49.00	42.00
50	52.65	50.85	48.00	51.00	44.00

### ORDERING INFORMATION:

P/N 2 0  $\frac{1}{x x x}$  -  $\frac{2}{x x x}$   $\frac{3}{x}$  B -  $\frac{4}{x}$

1. PIN LENGTH:

"H53" G=2.60MM

"H54" G=3.00MM

"H55" G=3.50MM

2. NO. OF CONTACTS:

008 ~ 050

3. CONTACT FINISH:

"G" FULL GOLD PLATED

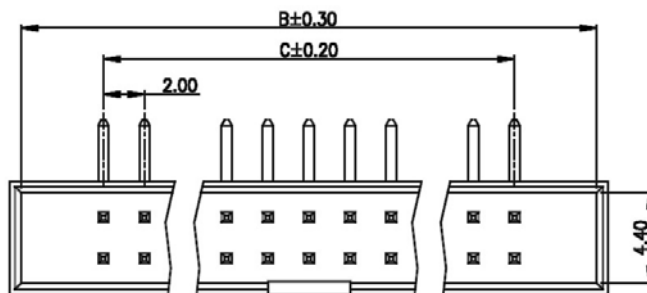
"T" FULL TIN PLATED

4. PACKAGE OPTION:

"0" BULK PACKAGE

"T" W/O PAD IN TUBE

## 2.00MM(0.079") BOX HEADER RIGHT ANGLE DIP TYPE



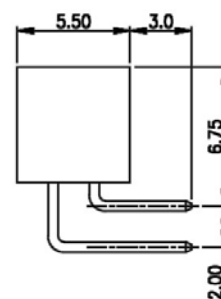
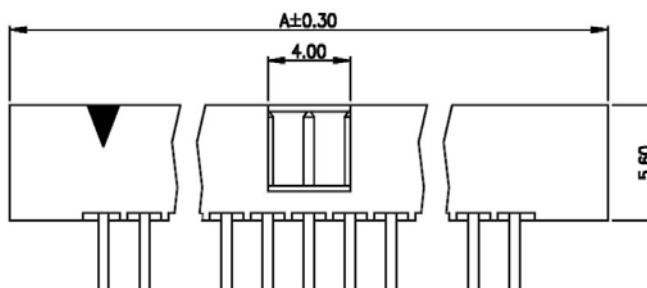
### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

**Operating Temperature:** -55°C to +105°C

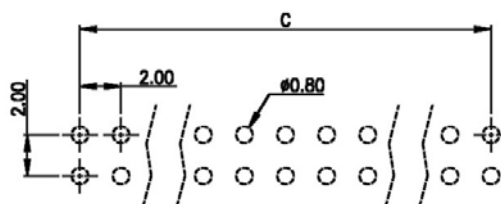


### MATERIALS

**Housing:** Thermoplastic (UL 94V-0), Black

**Terminal:** Sq. 0.50mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

Dimension				Dimension			
Pos.	A	B	C	Pos.	A	B	C
06	13.20	12.10	4.00	28	35.20	34.10	26.00
08	15.20	14.10	6.00	30	37.20	36.10	28.00
10	17.20	16.10	8.00	32	39.20	38.10	30.00
12	19.20	18.10	10.00	34	41.20	40.10	32.00
14	21.20	20.10	12.00	36	43.20	42.10	34.00
16	23.20	22.10	14.00	40	47.20	46.10	38.00
18	25.20	24.10	16.00	44	51.20	50.10	42.00
20	27.20	26.10	18.00	50	57.20	56.10	48.00
22	29.20	28.10	20.00	60	67.20	66.10	58.00
24	31.20	30.10	22.00	64	71.20	70.10	62.00
26	33.20	32.10	24.00	68	75.20	74.10	66.00

### ORDERING INFORMATION:

P/N 20N83 -  $\frac{xxx}{1} \frac{GB}{2}$

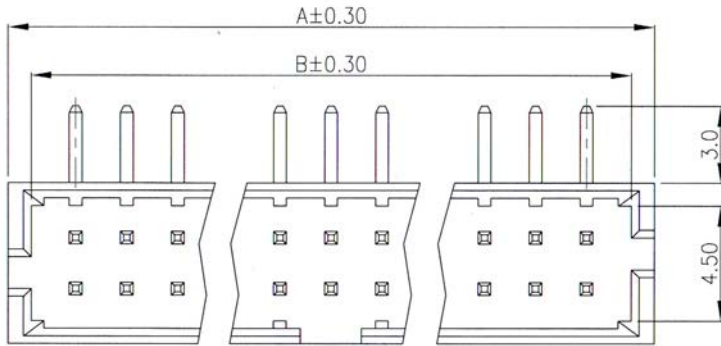
1. NO. OF CONTACTS:

006~068

2. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM(0.079") BOX HEADER RIGHT ANGLE DIP TYPE

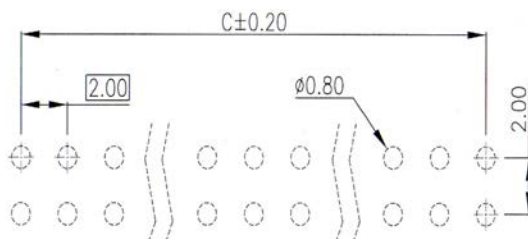
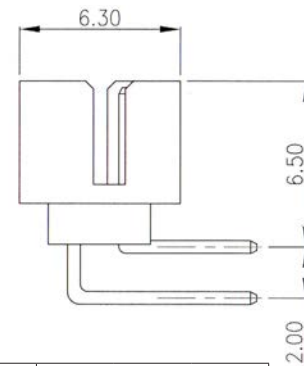
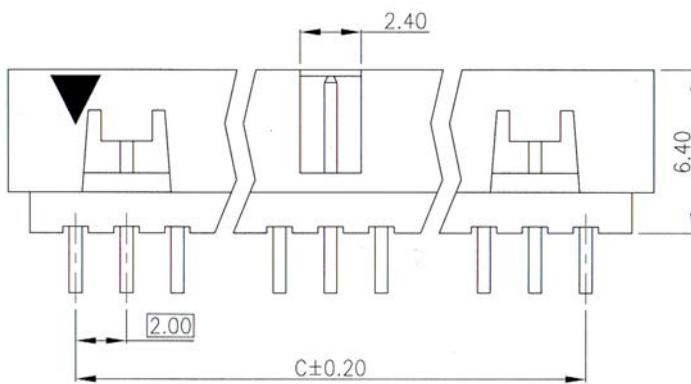


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 800V AC  
**Insulator Resistance:** 1000 M $\Omega$  min.  
**Contact Resistance:** 20m $\Omega$  Max.  
**Operating Temperature:** -55 $^{\circ}$ c to + 105 $^{\circ}$ c

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

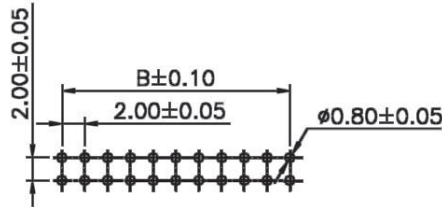
No. of Contacts	Dimensions(mm)		
	A	B	C
10	12.65	10.85	8.00
12	14.65	12.85	10.00
14	16.65	14.85	12.00
16	18.65	16.85	14.00
20	22.65	20.85	18.00
22	24.65	22.85	20.00
24	26.65	24.85	22.00
26	28.65	26.85	24.00
30	32.65	30.85	28.00
34	36.65	34.85	32.00
40	42.65	40.85	38.00
44	46.65	44.85	42.00
50	52.65	50.85	48.00

### ORDERING INFORMATION:

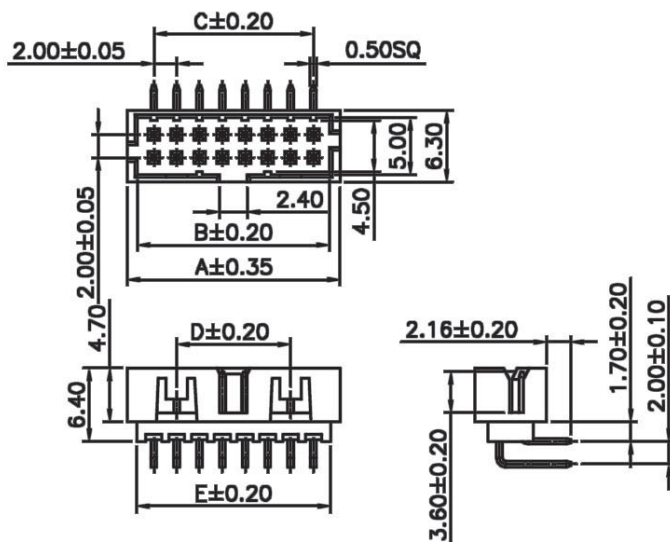
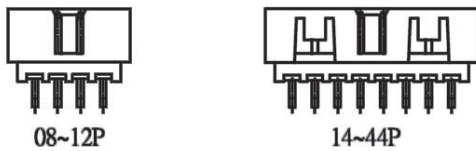
P/N 2 0 0 MR - x x x x B  
 1 2 3

1. TERMINAL TYPE:  
"MR" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
010, 012, 014, 016, 020, 022, 024, 026, 030, 034, 040, 044, 050
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

## 2.00MM(0.079") BOX HEADER DOUBLE ROW RIGHT ANGLE DIP TYPE



Recommended P.C. Board Layout



### SPECIFICATIONS

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: LCP UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

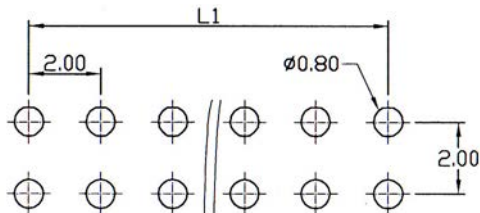
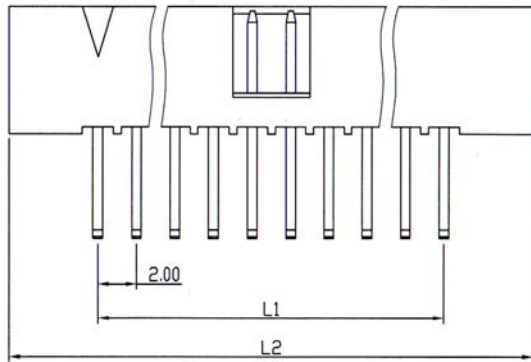
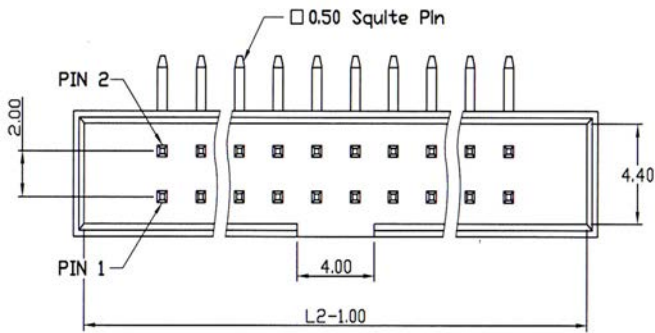
NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
08	10.65	8.85	6.00		9.00
10	12.65	10.85	8.00		11.00
12	14.65	12.85	10.00		13.00
14	16.65	14.85	12.00	8.00	15.00
16	18.65	16.85	14.00	10.00	17.00
18	20.65	18.85	16.00	12.00	19.00
20	22.65	20.85	18.00	14.00	21.00
22	24.65	22.85	20.00	16.00	23.00
24	26.65	24.85	22.00	18.00	25.00
26	28.65	26.85	24.00	20.00	27.00
28	30.65	28.85	26.00	22.00	29.00
30	32.65	30.85	28.00	24.00	31.00
32	34.65	32.85	30.00	26.00	33.00
34	36.65	34.85	32.00	28.00	35.00
36	38.65	36.85	34.00	30.00	37.00
38	40.65	38.85	36.00	32.00	39.00
40	42.65	40.85	38.00	34.00	41.00
42	44.65	42.85	40.00	36.00	43.00
44	46.65	44.85	42.00	38.00	45.00
46	48.65	46.85	44.00	40.00	47.00
48	50.65	48.85	46.00	42.00	49.00
50	52.65	50.85	48.00	44.00	51.00

### ORDERING INFORMATION:

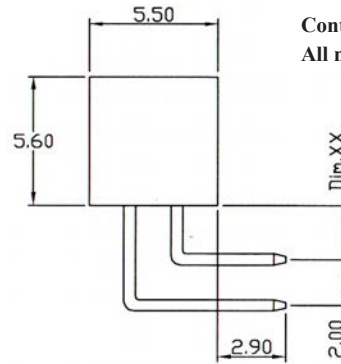
P/N 20  $\frac{H56}{1}$  -  $\frac{XXXX}{2}$   $\frac{X}{3}$  B -  $\frac{X}{4}$

- CONTACT TYPE:  
"H56" RIGHT ANGLE TYPE
- NO. OF CONTACTS:  
008 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED
- PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE

## 2.00MM(0.079") BOX HEADER RIGHT ANGLE TYPE



Recommended P.C.Board Layout



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 25mΩ Max.

**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0

Nylon-6T

**Contacts:** Brass

**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	L1	L2
06	4.00	13.20
08	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

### ORDERING INFORMATION:

**CODE: 2 1 1 2 R 6 -  $\frac{XX}{1}$  -  $\frac{XXXX}{2}$   $\frac{X}{3}$  B**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{XXXXXX}{YY}$   $\frac{MM}{DD}$  -  $\frac{XXXX}{2}$   $\frac{X}{3}$  B**

1. DIMENSION XX (UNIT:mm)

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024,  
026, 030, 034, 040, 044, 050, 068

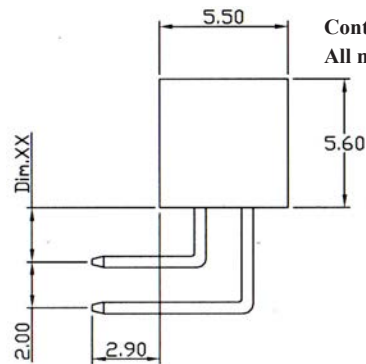
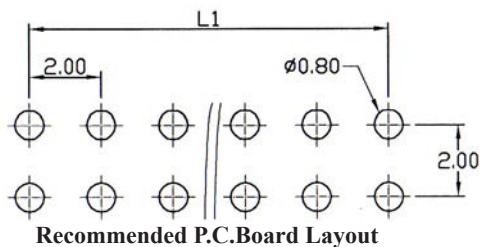
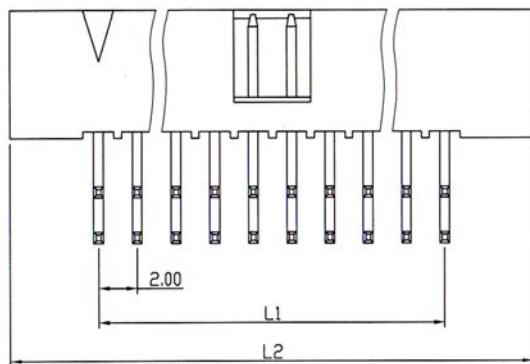
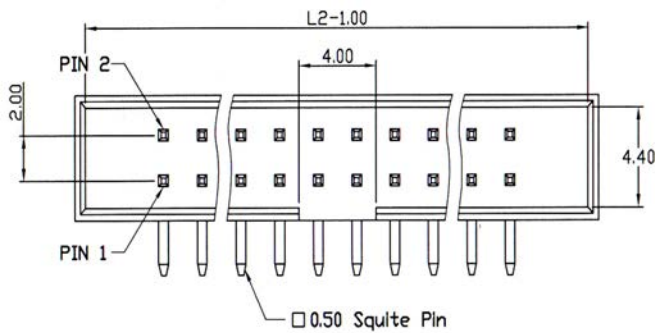
3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED



## 2.00MM(0.079") BOX HEADER RIGHT ANGLE TYPE



### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	L1	L2
06	4.00	13.20
08	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

### ORDERING INFORMATION:

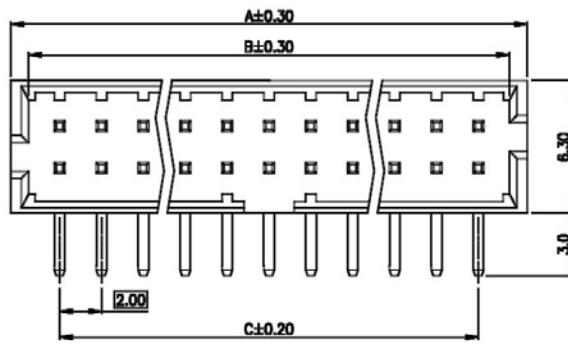
**CODE: 2 1 1 2 D 6 -  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

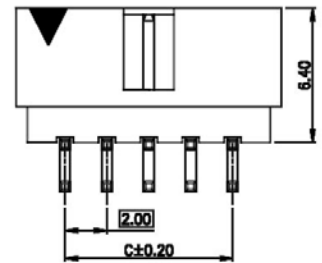
**P/N P  $\frac{XX}{YY}$   $\frac{XX}{MM}$   $\frac{XX}{DD}$  X -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

1. DIMENSION XX (UNIT:mm)
2. NO. OF CONTACTS:  
006, 008, 010, 012, 014, 016, 020, 024,  
026, 030, 034, 040, 044, 050, 068
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") BOX HEADER REVERSE MOUNT RIGHT ANGLE DIP TYPE



8 ~ 12 Pin



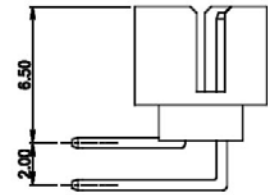
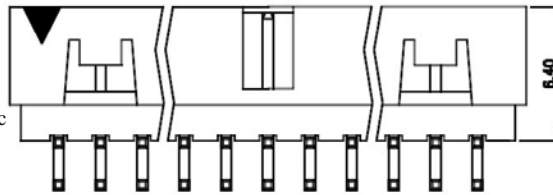
### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

**Operating Temperature:** -55°C to +105°C

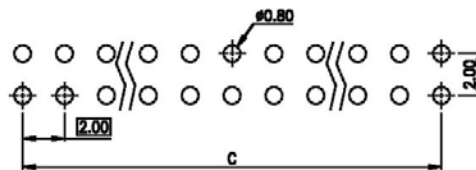


### MATERIALS

**Housing:** Thermoplastic (UL 94V-0), Black

**Terminal:** Sq. 0.50mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

Pos.	Dimension		
	A	B	C
8	10.65	8.85	6.00
10	12.65	10.85	8.00
12	14.65	12.85	10.00
14	16.65	14.85	12.00
16	18.65	16.85	14.00
20	22.65	20.85	18.00
24	26.65	24.85	22.00
26	28.65	26.85	24.00
30	32.65	30.85	28.00
34	36.65	34.85	32.00
40	42.65	40.85	38.00
44	46.65	44.85	42.00
50	52.65	50.85	48.00

### ORDERING INFORMATION:

P/N 20N95 -  $\frac{1}{2}$   $\frac{X}{X}$  G B

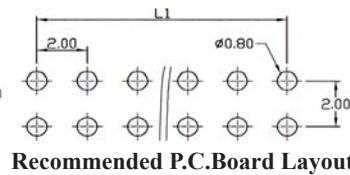
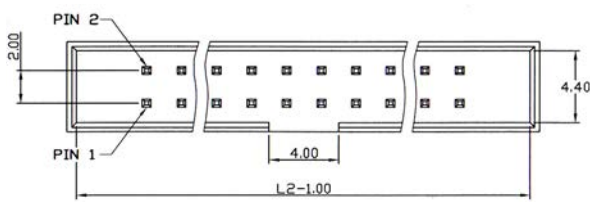
1. NO. OF CONTACTS:

008~050

2. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM(0.079") BOX HEADER STRAIGHT DIP TYPE



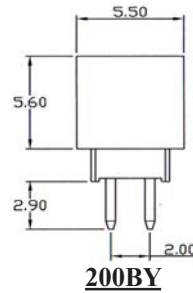
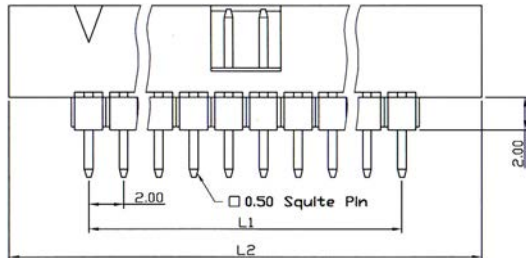
Recommended P.C.Board Layout

### SPECIFICATIONS

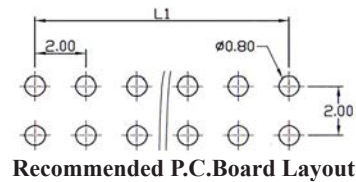
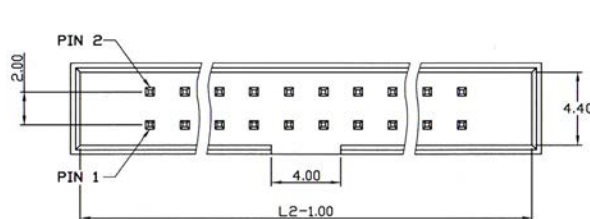
**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

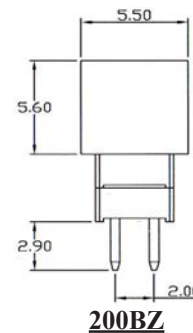
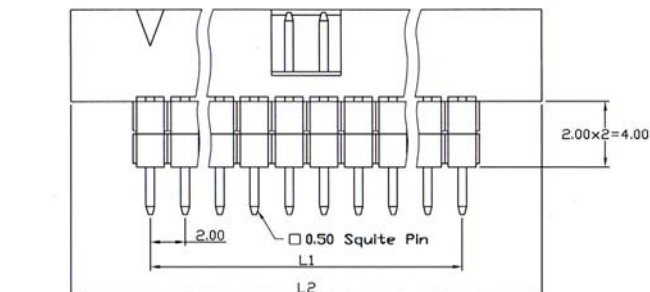
**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
 All materials must be RoHS compliant.



**200BY**



Recommended P.C.Board Layout



**200BZ**

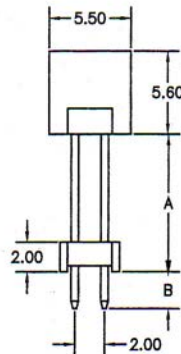
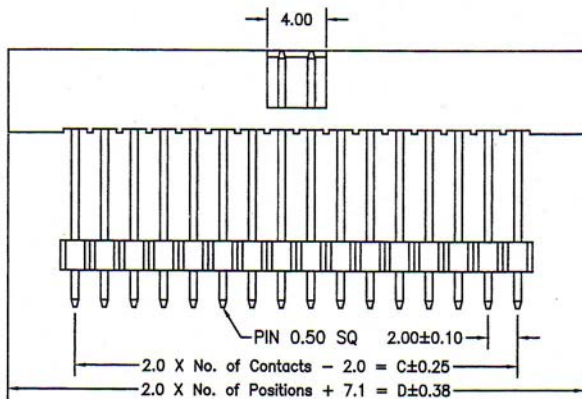
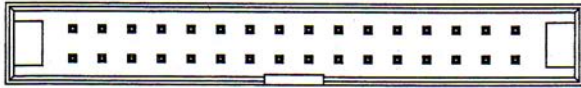
No. of Contacts	Dimensions(mm)	
	L1	L2
6	4.00	13.20
8	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

### ORDERING INFORMATION:

P/N 200  $\frac{xx}{1}$  -  $\frac{xxxx}{2}$   $\frac{B}{3}$

- CONNECTOR TYPE:  
 "BY" WITH 1 ELEVATION  
 "BZ" WITH 2 ELEVATIONS
- NO. OF CONTACTS:  
 006, 008, 010, 012, 014, 016, 020, 024,  
 026, 030, 034, 040, 044, 050, 068
- CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

## 2.00MM(0.079") ELEVATED BOX HEADER STRAIGHT DIP TYPE



### SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

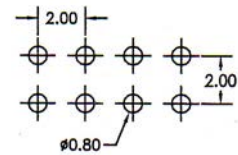
### MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.



Recommended P.C.Board Layout

P/N	A	B
SS	16.00	2.80
SU	7.50	2.80
SV	3.09	3.53
SW	3.10	3.00
SX	7.89	3.73

### ORDERING INFORMATION:

P/N 2 0 0  $\frac{X X}{1} - \frac{X X X X}{2 3} B - \frac{X}{4}$

1. ELEVATED HEIGHT:

SS, SU, SV, SW, SX

2. NO. OF CONTACTS:

006 ~ 068

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

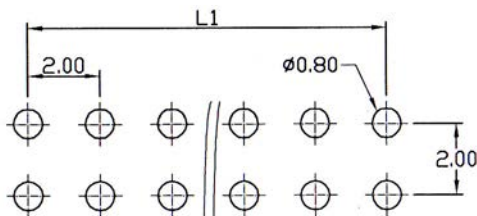
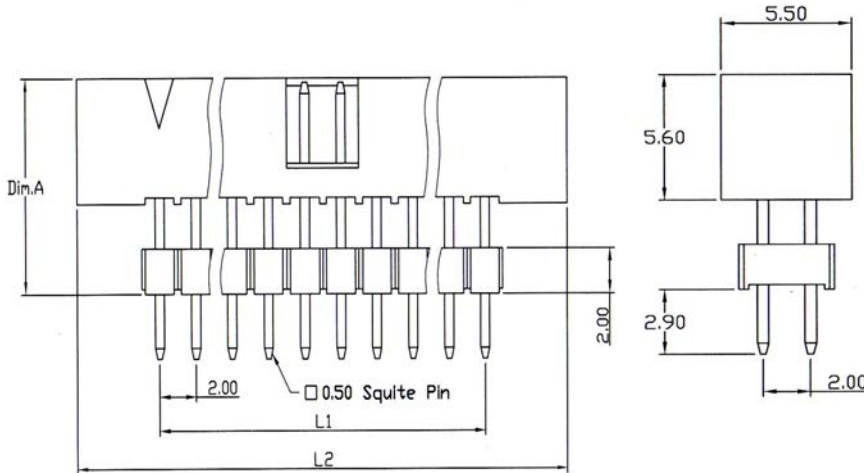
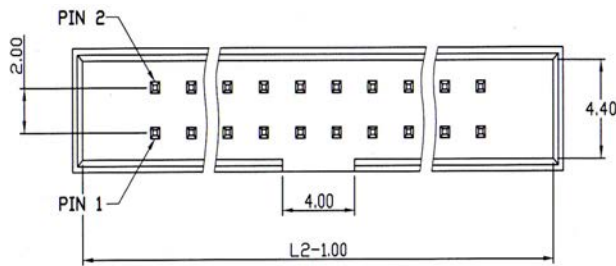
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") ELEVATED BOX HEADER DUAL BODY STRAIGHT TYPE



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	L1	L2
06	4.00	13.20
08	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

### ORDERING INFORMATION:

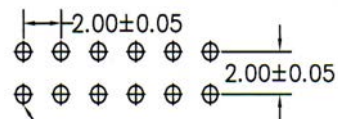
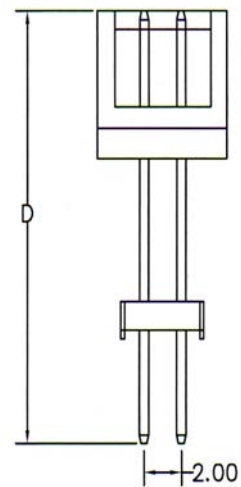
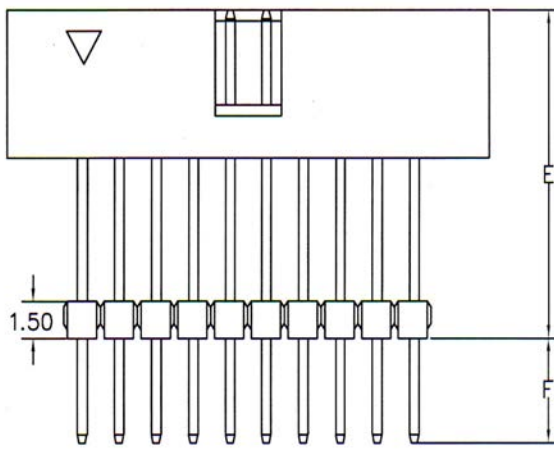
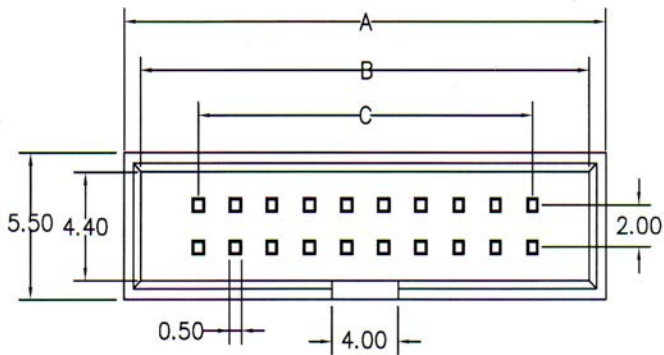
CODE: 2 1 1 2 S 2 -  $\frac{A}{1} - \frac{XXXX}{2} \frac{B}{3}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{XXXXXX}{YY MM DD} - \frac{XXXX}{2} \frac{B}{3}$

1. DIMENSION A (UNIT:mm)
2. NO. OF CONTACTS:  
006, 008, 010, 012, 014, 016, 020, 024,  
026, 030, 034, 040, 044, 050, 068
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") ELEVATED BOX HEADER DIP TYPE



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.

### ORDERING INFORMATION:

CODE: 2 1 0 2 S 2 -  $\frac{D}{1}$  /  $\frac{E}{2}$  /  $\frac{F}{3}$  -  $\frac{x}{2}$   $\frac{x}{3}$   $\frac{x}{3}$   $\frac{x}{3}$  B

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P  $\frac{xx}{YY}$   $\frac{xxx}{MM}$   $\frac{xxx}{DD}$  -  $\frac{xxx}{2}$   $\frac{xxx}{3}$  B

1. DIMENSION D/E/F (UNIT: mm)

2. NO. OF CONTACTS:

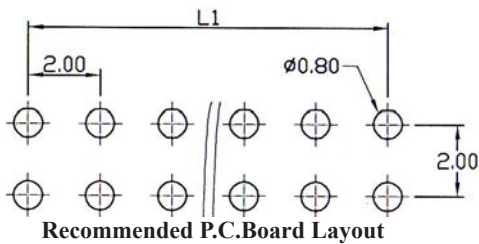
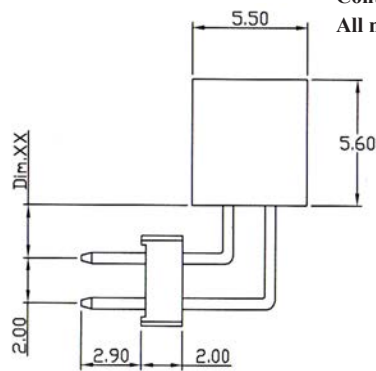
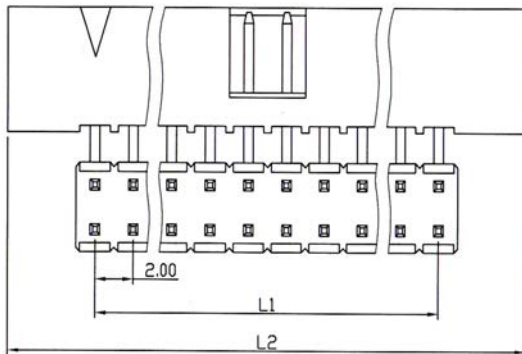
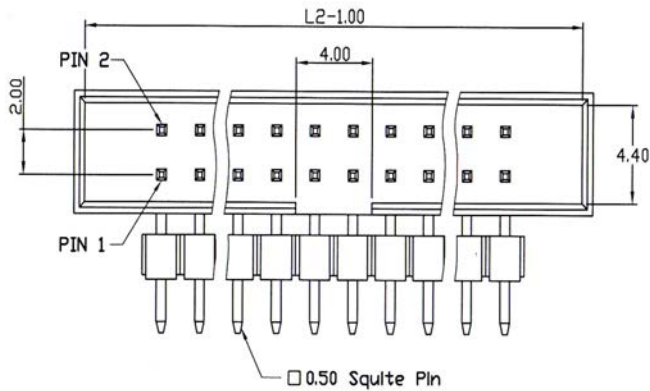
006 ~ 068

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

## 2.00MM(0.079") BOX HEADER DUAL BODY RIGHT ANGLE TYPE



### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	L1	L2
06	4.00	13.20
08	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

### ORDERING INFORMATION:

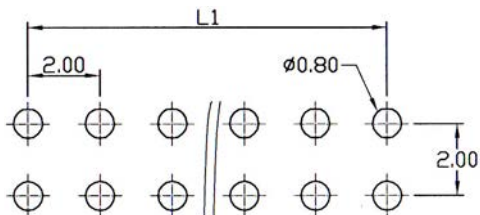
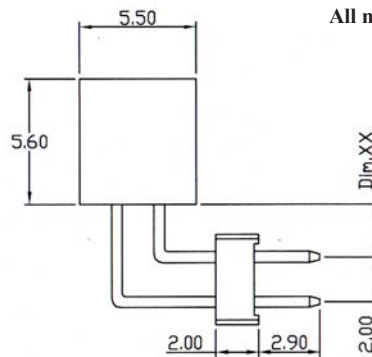
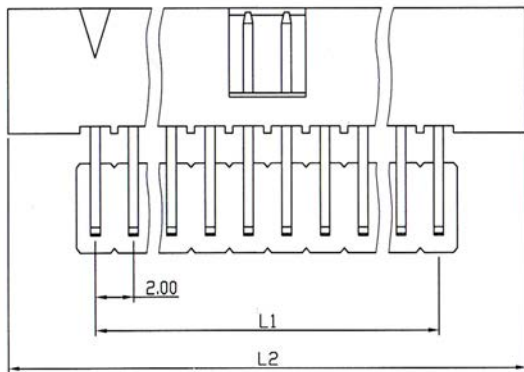
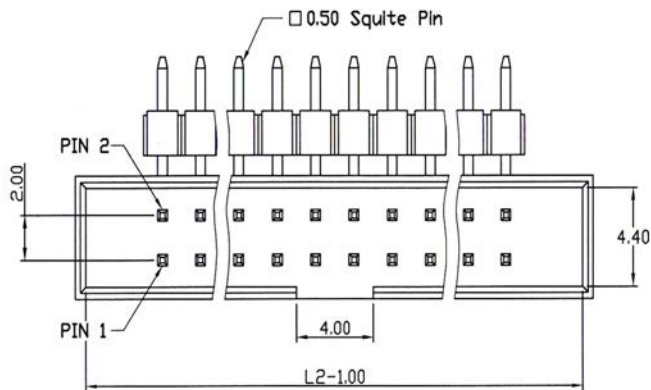
**CODE: 2 1 1 2 L 2 -  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{XX}{YY}$   $\frac{XX}{MM}$   $\frac{XX}{DD}$  X -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

1. DIMENSION XX (UNIT:mm)
2. NO. OF CONTACTS:  
006, 008, 010, 012, 014, 016, 020, 024,  
026, 030, 034, 040, 044, 050, 068
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

## 2.00MM(0.079") BOX HEADER DUAL BODY RIGHT ANGLE TYPE



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	L1	L2
06	4.00	13.20
08	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

### ORDERING INFORMATION:

**CODE: 2 1 1 2 L 5 -  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

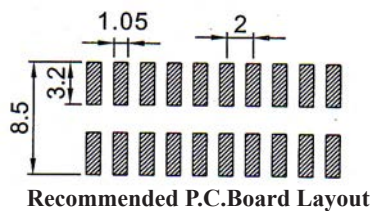
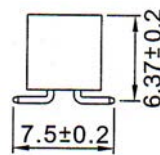
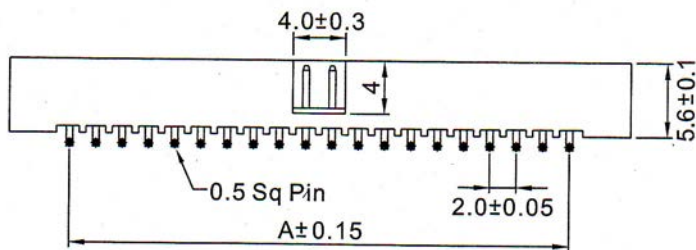
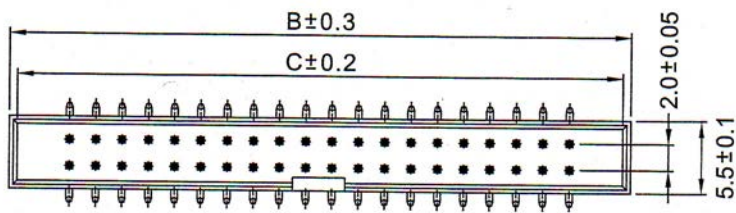
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{XXX}{YY}$   $\frac{XXX}{MM}$   $\frac{XXX}{DD}$  -  $\frac{XXX}{2}$   $\frac{X}{3}$  B**

1. DIMENSION XX (UNIT:mm)
2. NO. OF CONTACTS:  
006, 008, 010, 012, 014, 016, 020, 024,  
026, 030, 034, 040, 044, 050, 068
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED



## 2.00MM(0.079") BOX HEADER SMT TYPE



### SPECIFICATIONS

**Current Rating:** 3.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 5000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -40°C to +105°C

**Max Process Temp:** 230°C for 30-60 Sec.  
(260°C for 10 seconds)

### MATERIALS

**Insulator:** Polyester, UL94V-0

Nylon-6T

**Contacts:** Brass

**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)		
	A	B	C
06	4.00	13.20	12.10
08	6.00	15.20	14.10
10	8.00	17.20	16.10
12	10.00	19.20	18.10
14	12.00	21.20	20.10
16	14.00	23.20	22.10
18	16.00	25.20	24.10
20	18.00	27.20	26.10
22	20.00	29.20	28.10
24	22.00	31.20	30.10
26	24.00	33.20	32.10
28	26.00	35.20	34.10
30	28.00	37.20	36.10
32	30.00	39.20	38.10
34	32.00	41.20	40.10
36	34.00	43.20	42.10
38	36.00	45.20	44.10
40	38.00	47.20	46.10
44	42.00	51.20	50.10
50	48.00	57.20	56.10
54	52.00	61.20	60.10
56	54.00	63.20	62.10
60	58.00	67.20	66.10
62	60.00	69.20	68.10
64	62.00	71.20	70.10
68	66.00	75.20	74.10

### ORDERING INFORMATION:

P/N 2 0 0  $\frac{BS}{1}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B -  $\frac{x}{4}$

1. TERMINAL TYPE:

"BS" SMT TYPE

2. NO. OF CONTACTS:

006 ~ 068

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

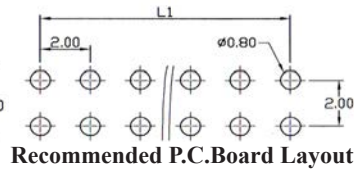
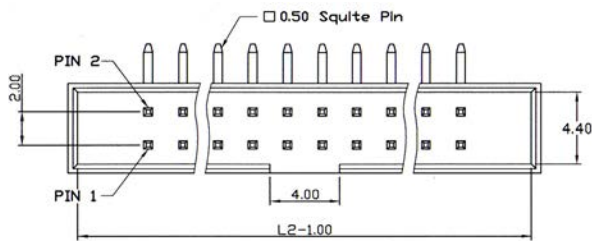
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") BOX HEADER ALTERNATIVE TYPE

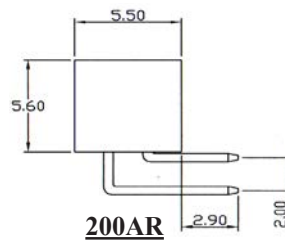
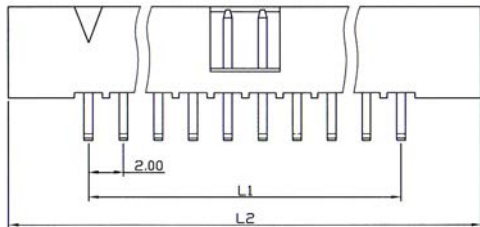


### SPECIFICATIONS

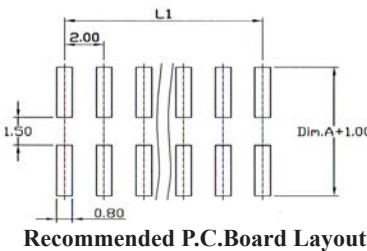
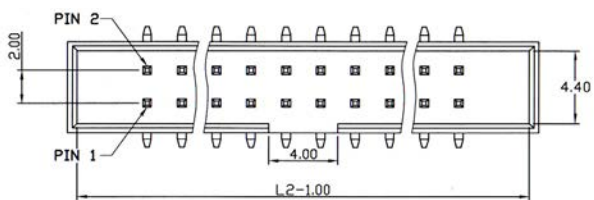
**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 M $\Omega$  min.  
**Contact Resistance:** 25m $\Omega$  Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

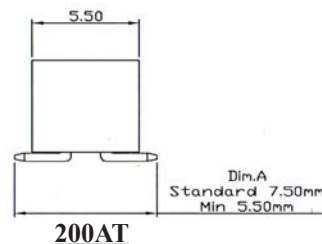
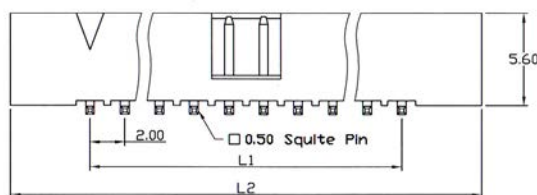
**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
 All materials must be RoHS compliant.



**200AR**



**Recommended P.C.Board Layout**



**200AT**

No. of Contacts	Dimensions(mm)	
	L1	L2
6	4.00	13.20
8	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

### ORDERING INFORMATION:

**P/N 200  $\frac{xx}{1}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B -  $\frac{x}{4}$**

#### 1. TERMINAL TYPE:

"AR" RIGHT ANGLE TYPE  
 "AT" SMT TYPE

#### 2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024,  
 026, 030, 034, 040, 044, 050, 068

#### 3. CONTACT FINISH:

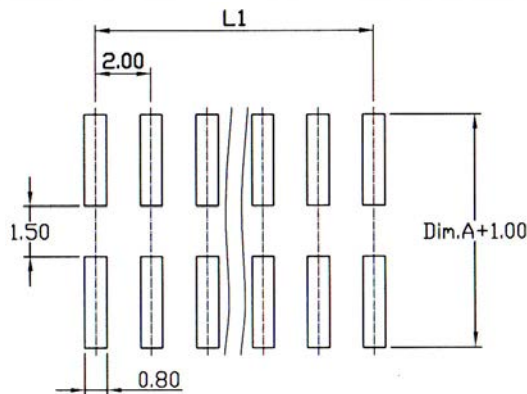
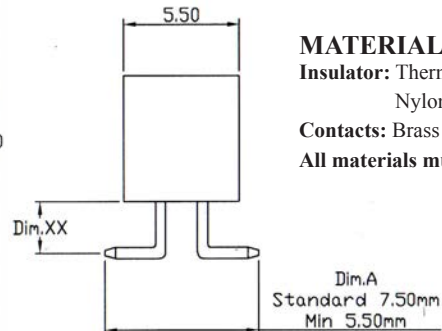
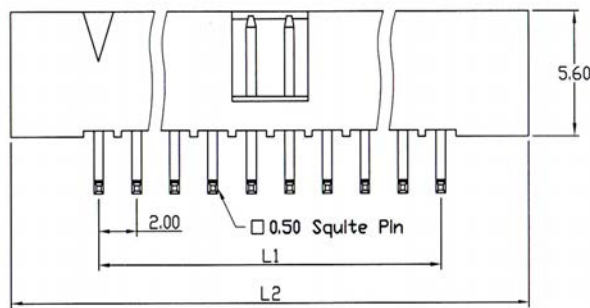
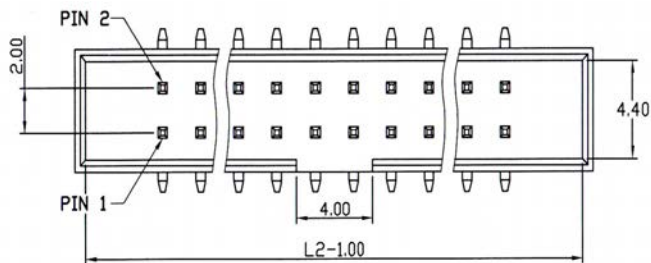
"G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

#### 4. PAD & PACKAGE OPTION:

(FOR SMT TYPE ONLY)  
 "0" BULK PACKAGE  
 "T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") BOX HEADER SMT TYPE



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 25mΩ Max.

**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0

Nylon-6T

**Contacts:** Brass

**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	L1	L2
06	4.00	13.20
08	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

### ORDERING INFORMATION:

**CODE: 2 1 1 2 T 1 -  $\frac{xx}{A}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B -  $\frac{x}{4}$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

**P/N P  $\frac{xxx}{YY}$   $\frac{xxx}{MM}$   $\frac{xxx}{DD}$  x -  $\frac{xxx}{2}$   $\frac{x}{3}$  B**

1. DIMENSION xx/A (UNIT:mm)

2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 024,  
026, 030, 034, 040, 044, 050, 068

3. CONTACT FINISH:

"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:

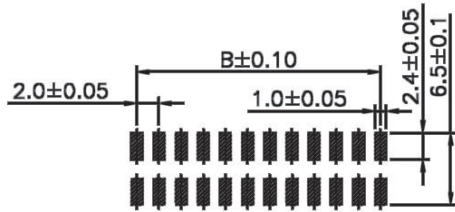
"0" BULK PACKAGE

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

NOTE: PAD = PICK & PLACE PAD

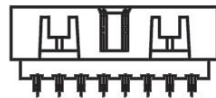
## 2.00MM(0.079") BOX HEADER DOUBLE ROW SMT TYPE



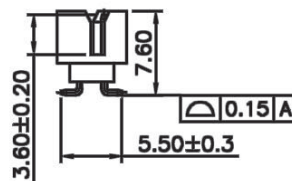
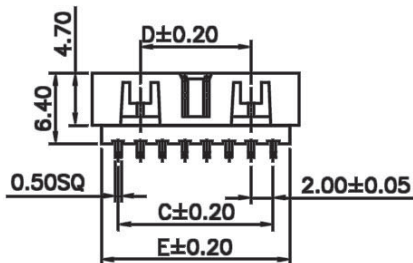
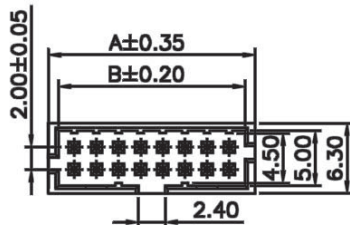
Recommended P.C.Board Layout



08~12P



14~44P



### SPECIFICATIONS

Current Rating: 2.0 A

Voltage Rating: 150V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: LCP UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
08	10.65	8.85	6.00		9.00
10	12.65	10.85	8.00		11.00
12	14.65	12.85	10.00		13.00
14	16.65	14.85	12.00	8.00	15.00
16	18.65	16.85	14.00	10.00	17.00
18	20.65	18.85	16.00	12.00	19.00
20	22.65	20.85	18.00	14.00	21.00
22	24.65	22.85	20.00	16.00	23.00
24	26.65	24.85	22.00	18.00	25.00
26	28.65	26.85	24.00	20.00	27.00
28	30.65	28.85	26.00	22.00	29.00
30	32.65	30.85	28.00	24.00	31.00
32	34.65	32.85	30.00	26.00	33.00
34	36.65	34.85	32.00	28.00	35.00
36	38.65	36.85	34.00	30.00	37.00
38	40.65	38.85	36.00	32.00	39.00
40	42.65	40.85	38.00	34.00	41.00
42	44.65	42.85	40.00	36.00	43.00
44	46.65	44.85	42.00	38.00	45.00
46	48.65	46.85	44.00	40.00	47.00
48	50.65	48.85	46.00	42.00	49.00
50	52.65	50.85	48.00	44.00	51.00

### ORDERING INFORMATION:

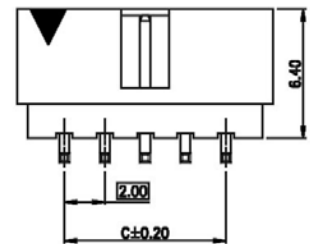
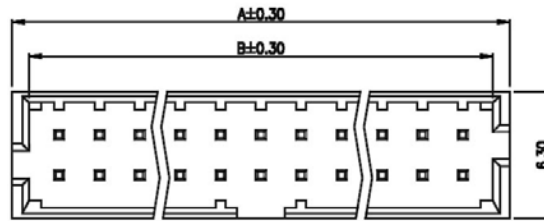
P/N 20  $\frac{H57}{1} - \frac{X}{2} \frac{X}{3} \frac{X}{4} B - \frac{X}{4}$

- CONTACT TYPE:  
"H57" SMT TYPE
- NO. OF CONTACTS:  
008 ~ 050
- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED
- PAD & PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") BOX HEADER SMT TYPE WITHOUT POSTS

8 ~ 12 Pin



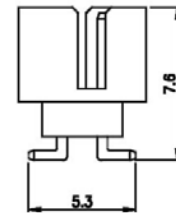
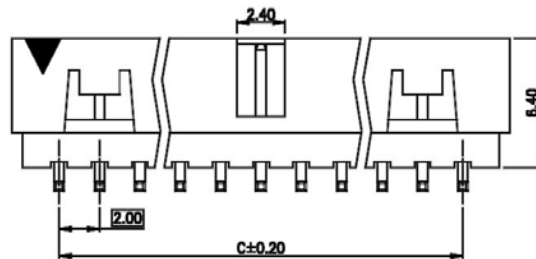
### SPECIFICATIONS

Rating Current: 1 Ampere Max.

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 800V AC

Operating Temperature: -55°C to +105°C

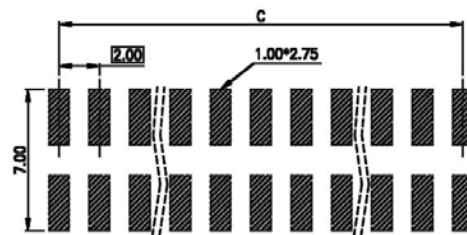


### MATERIALS

Housing: Hi.-Temp. (UL 94V-0), Black

Terminal: Sq. 0.50mm, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

Pos.	Dimension		
	A	B	C
8	10.65	8.85	6.00
10	12.65	10.85	8.00
12	14.65	12.85	10.00
14	16.65	14.85	12.00
16	18.65	16.85	14.00
20	22.65	20.85	18.00
24	26.65	24.85	22.00
26	28.65	26.85	24.00
30	32.65	30.85	28.00
34	36.65	34.85	32.00
40	42.65	40.85	38.00
44	46.65	44.85	42.00
50	52.65	50.85	48.00

### ORDERING INFORMATION:

P/N 2 0 N 8 1 -  $\frac{x}{1}$   $\frac{x}{2}$  G B -  $\frac{x}{3}$

1. NO. OF CONTACTS:

008~050

2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. PACKAGE OPTION:

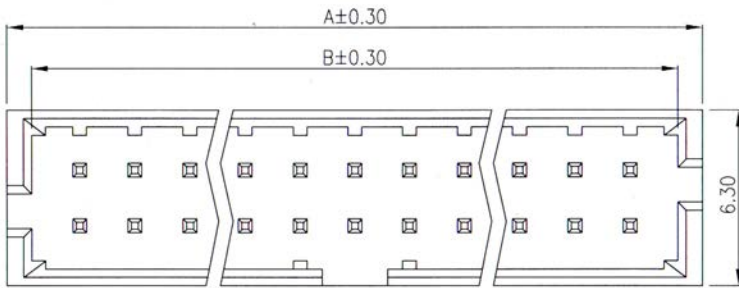
"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") BOX HEADER SMT TYPE WITH SINGLE POST

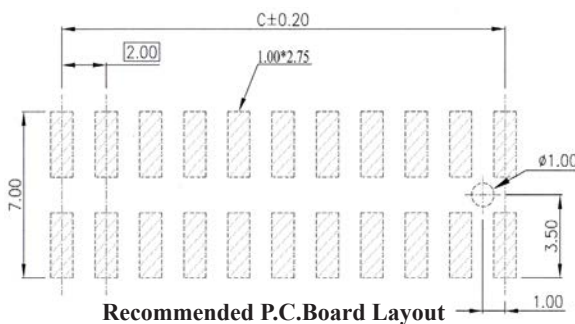
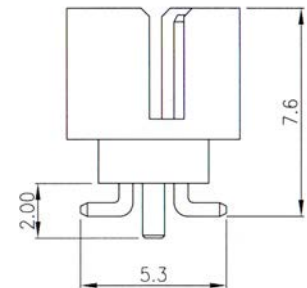
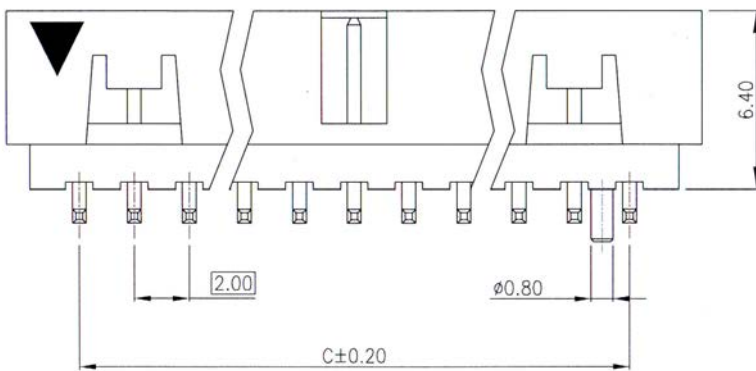


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 800V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -55°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Copper Alloy  
**All materials must be RoHS compliant.**



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)		
	A	B	C
10	8.00	10.85	12.65
12	10.00	12.85	14.65
14	12.00	14.85	16.65
16	14.00	16.85	18.65
20	18.00	20.85	22.65
22	20.00	22.85	24.65
24	22.00	24.85	26.65
26	24.00	26.85	28.65
30	28.00	30.85	32.65
34	32.00	34.85	36.65
40	38.00	40.85	42.65
44	42.00	44.85	46.65
50	48.00	50.85	52.65

### ORDERING INFORMATION:

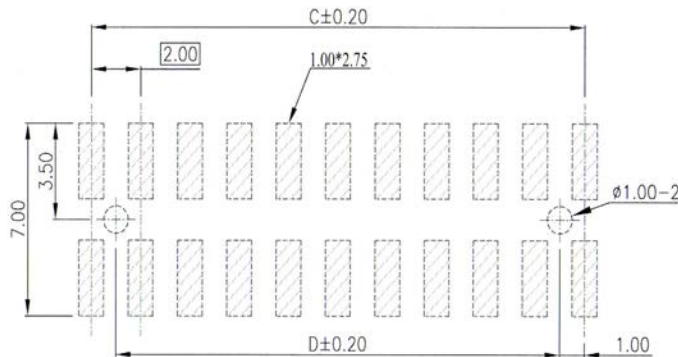
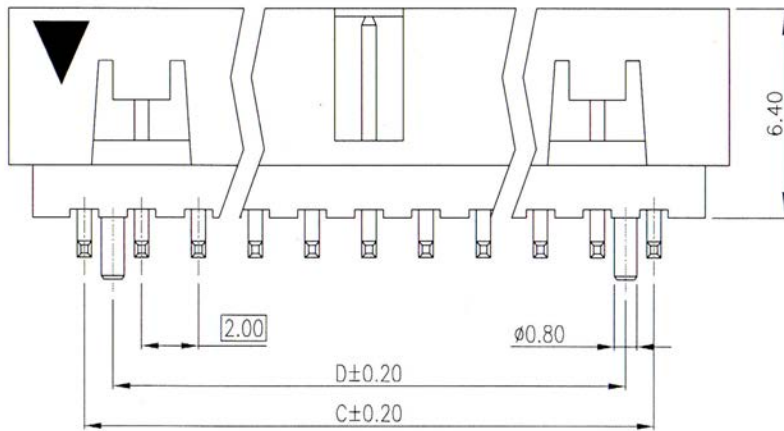
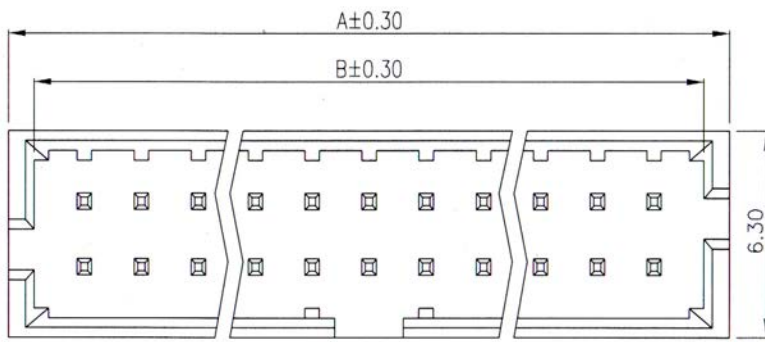
P/N 2 0 0  $\frac{ME}{1}$  -  $\frac{x}{2}$   $\frac{x}{3}$   $\frac{x}{3}$  B -  $\frac{x}{4}$

1. NO. OF POSTS:  
"ME" WITH SINGLE POST
2. NO. OF CONTACTS:  
010, 012, 014, 016, 020, 022, 024, 026,  
030, 034, 040, 044, 050
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

4. PAD & PACKAGE OPTION:  
"O" BULK PACKAGE  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") BOX HEADER SMT TYPE WITH DOUBLE POST



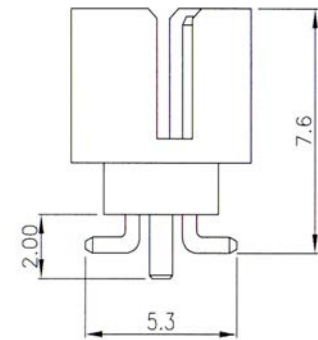
Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp  
 Dielectric Withstand: 800V AC  
 Insulator Resistance: 1000 MΩ min.  
 Contact Resistance: 20mΩ Max.  
 Operating Temperature: -55°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0  
 Nylon-6T  
 Contacts: Copper Alloy  
 All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)			
	A	B	C	D
10	12.65	10.85	8.00	6.00
12	14.65	12.85	10.00	8.00
14	16.65	14.85	12.00	10.00
16	18.65	16.85	14.00	12.00
20	22.65	20.85	18.00	16.00
22	24.65	22.85	20.00	18.00
24	26.65	24.85	22.00	20.00
26	28.65	26.85	24.00	22.00
30	32.65	30.85	28.00	26.00
34	36.65	34.85	32.00	30.00
40	42.65	40.85	38.00	36.00
44	46.65	44.85	42.00	40.00
50	52.65	50.85	48.00	46.00

### ORDERING INFORMATION:

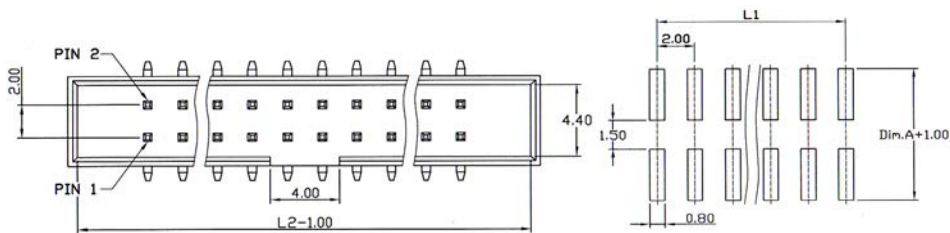
P/N 2 0 0 MD - x x x x B - x  
 1 2 3 4

1. NO. OF POSTS:  
"MD" WITH DOUBLE POST
2. NO. OF CONTACTS:  
010, 012, 014, 016, 020, 022, 024, 026,  
030, 034, 040, 044, 050
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

4. PAD & PACKAGE OPTION:  
"O" BULK PACKAGE  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") BOX HEADER SMT TYPE



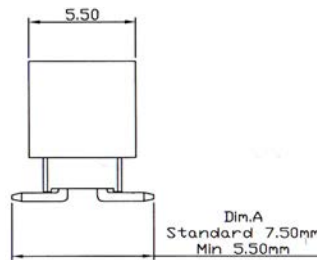
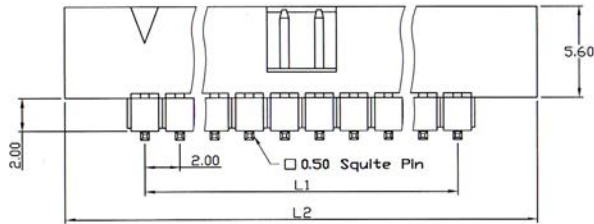
Recommended P.C.Board Layout

### SPECIFICATIONS

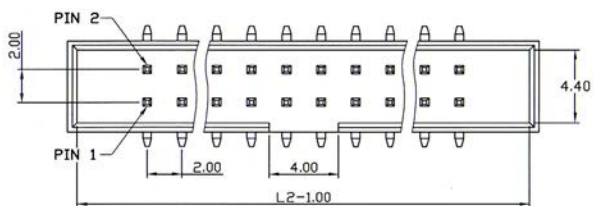
**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
 All materials must be RoHS compliant.

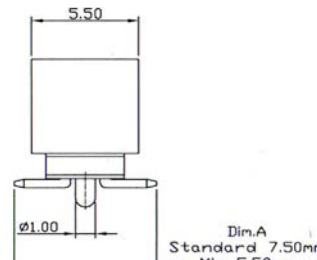
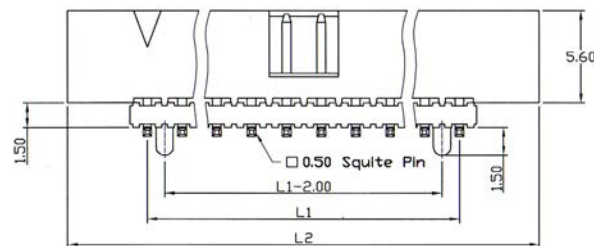


**200AV**



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)	
	L1	L2
6	4.00	13.20
8	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20



**200AW**

### ORDERING INFORMATION:

**P/N 2 0 0  $\frac{X X}{1} - \frac{X X X X}{2 3} B - \frac{X}{4}$**

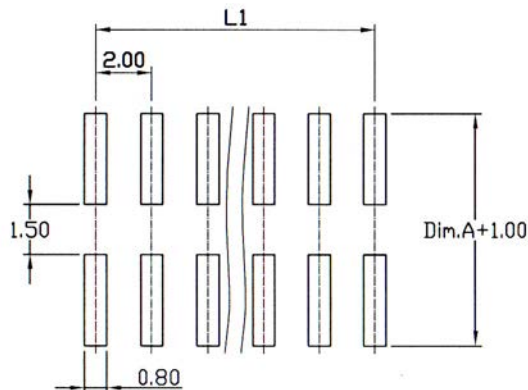
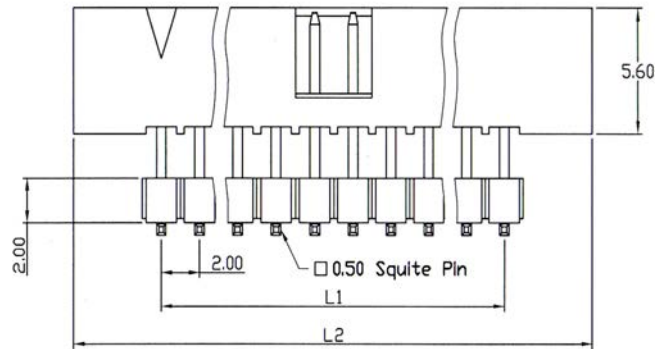
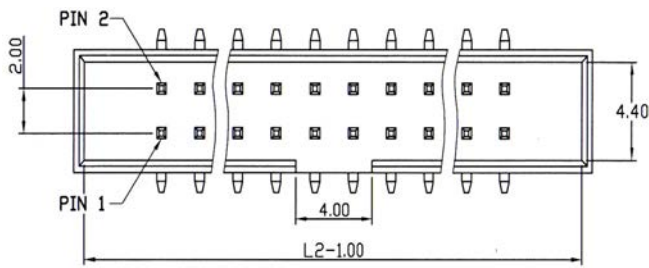
- LOCATING PEG OPTION:  
 "AV" W/O LOCATING PEG  
 "AW" WITH LOCATING PEG
- NO. OF CONTACTS:  
 006, 008, 010, 012, 014, 016, 020, 024,  
 026, 030, 034, 040, 044, 050, 068
- CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

- PAD & PACKAGE OPTION:  
 "0" BULK PACKAGE  
 "T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

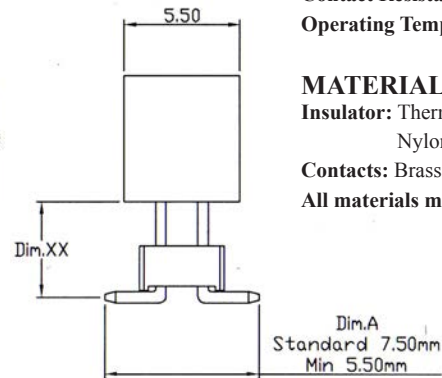
NOTE: PAD = PICK & PLACE PAD



## 2.00MM(0.079") ELEVATED BOX HEADER SMT TYPE W/O LOCATING PEG



Recommended P.C.Board Layout



### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	L1	L2
06	4.00	13.20
08	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

### ORDERING INFORMATION:

**CODE: 2 1 1 2 T 6 -  $\frac{xx}{A}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B -  $\frac{x}{4}$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

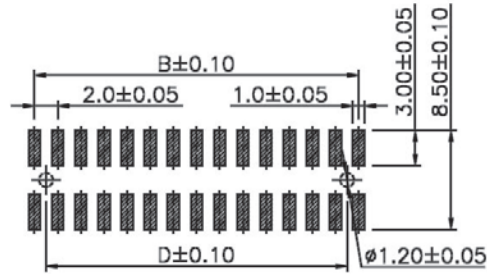
**P/N P  $\frac{xxx}{YY}$   $\frac{xxx}{MM}$   $\frac{xxx}{DD}$  -  $\frac{xxx}{2}$   $\frac{x}{3}$  B**

1. DIMENSION xx/A (UNIT:mm)
2. NO. OF CONTACTS:  
006, 008, 010, 012, 014, 016, 020, 024,  
026, 030, 034, 040, 044, 050, 068
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

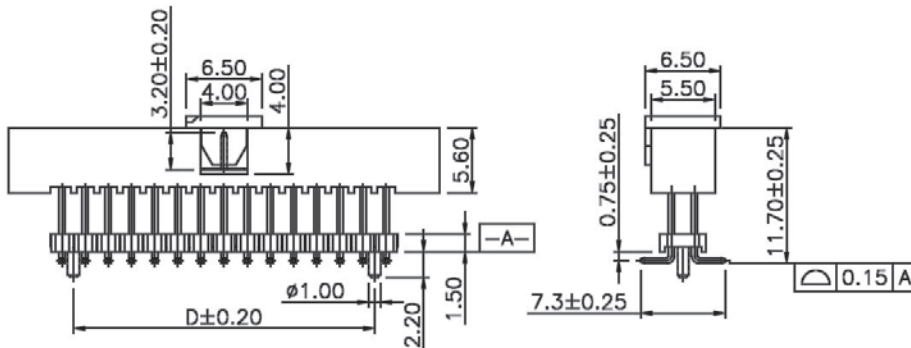
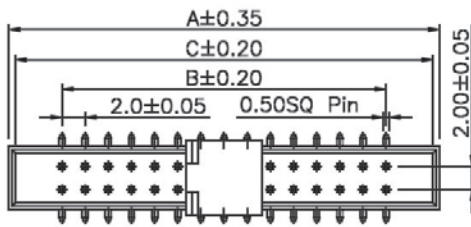
4. PAD & PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") BOX HEADER DOUBLE ROW SMT TYPE



Recommended P.C.Board Layout



$$A = B + 9.20$$

$$B = 2.00 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

$$C = B + 8.10$$

$$D = B - 2.00$$

### SPECIFICATIONS

Current Rating: 1.0 A

Voltage Rating: 100V AC/DC

Contact Resistance: 20mΩ Max.

Insulator Resistance: 500MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: NY6T or NY9T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 20  $\frac{1}{\text{X}}$   $\frac{2}{\text{X}}$   $\frac{3}{\text{X}}$  B -  $\frac{4}{\text{X}}$

1. LOCATING PEG OPTION:  
"H59" WITHOUT LOCATING PEGS  
"H60" WITH LOCATING PEGS
2. NO. OF CONTACTS:  
006 ~ 068
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED
4. PACKAGE OPTION:  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") ELEVATED BOX HEADER SMT TYPE WITH POSTS

### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

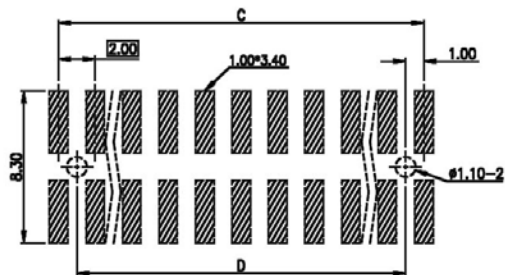
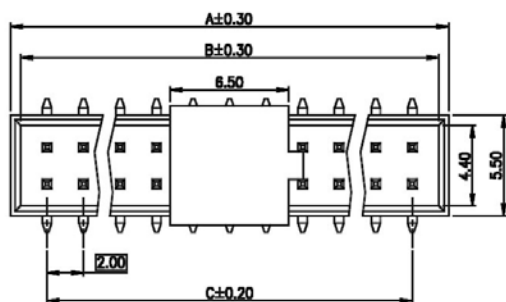
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Nylon-6T (UL 94V-0), Black

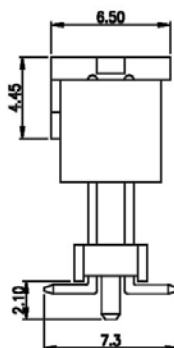
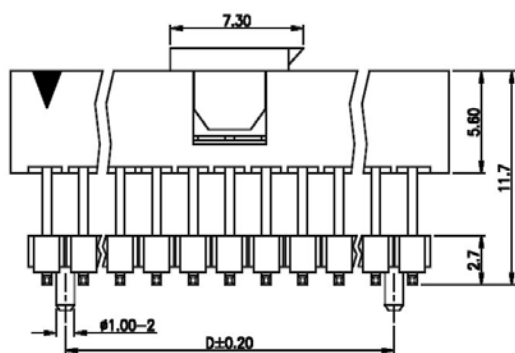
**Terminal:** Sq. 0.50mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C. Board Layout

Dimensions				
Pos.	A	B	C	D
06	8.00	6.85	4.00	2.00
08	10.00	8.85	6.00	4.00
10	12.00	10.85	8.00	6.00
12	14.00	12.85	10.00	8.00
14	16.00	14.85	12.00	10.00
16	18.00	16.85	14.00	12.00
18	20.00	18.85	16.00	14.00
20	22.00	20.85	18.00	16.00
22	24.00	22.85	20.00	18.00
24	26.00	24.85	22.00	20.00
26	28.00	26.85	24.00	22.00
28	30.00	28.85	26.00	24.00
30	32.00	30.85	28.00	26.00
32	34.00	32.85	30.00	28.00
34	36.00	34.85	32.00	30.00
36	38.00	36.85	34.00	32.00
40	42.00	40.85	38.00	36.00
44	46.00	44.85	42.00	40.00
50	52.00	50.85	48.00	46.00
60	62.00	60.85	58.00	56.00



### ORDERING INFORMATION:

P/N 20N86 -  $\frac{xxx}{1}$   $\frac{G}{2}$  B -  $\frac{x}{3}$

1. NO. OF CONTACTS:

006~060

2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. PACKAGE OPTION:

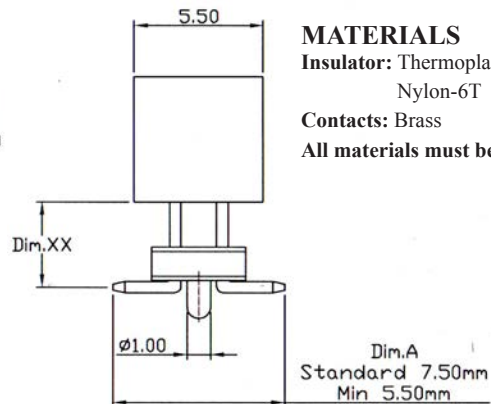
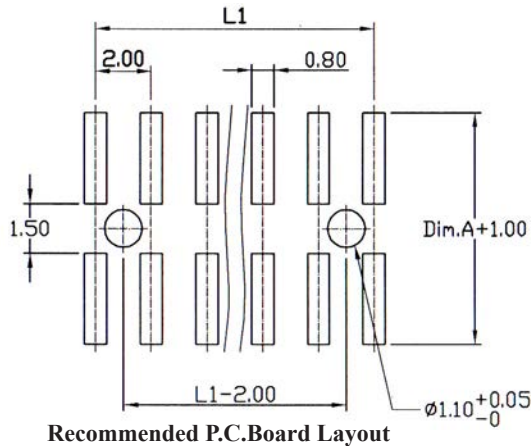
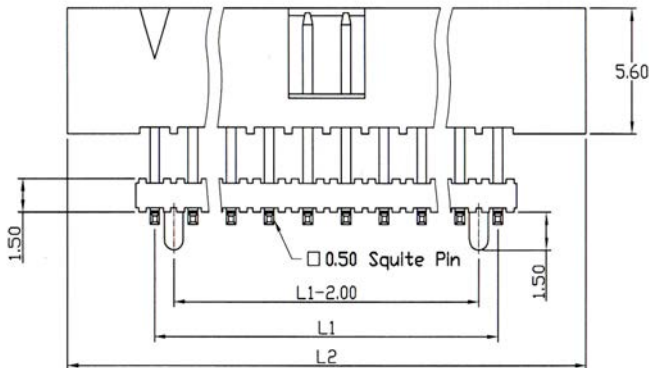
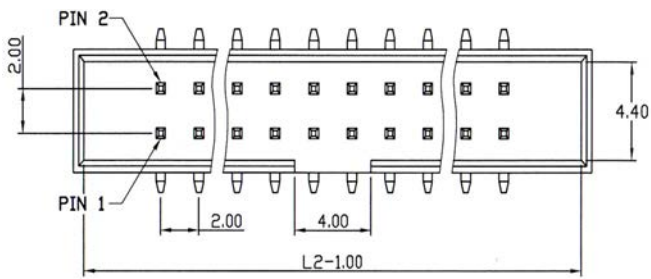
"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") ELEVATED BOX HEADER SMT TYPE WITH LOCATING PEG



### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-6T  
**Contacts:** Brass  
**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	L1	L2
06	4.00	13.20
08	6.00	15.20
10	8.00	17.20
12	10.00	19.20
14	12.00	21.20
16	14.00	23.20
20	18.00	27.20
24	22.00	31.20
26	24.00	33.20
30	28.00	37.20
34	32.00	41.20
40	38.00	47.20
44	42.00	51.20
50	48.00	57.20
68	66.00	75.20

### ORDERING INFORMATION:

**CODE: 2 1 0 2 T 5 -  $\frac{XX}{A}$  -  $\frac{XX}{2}$   $\frac{XX}{3}$  B -  $\frac{X}{4}$**

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

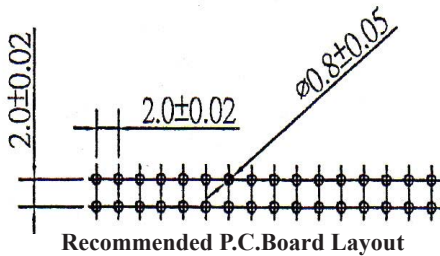
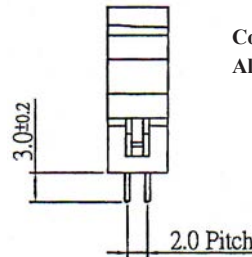
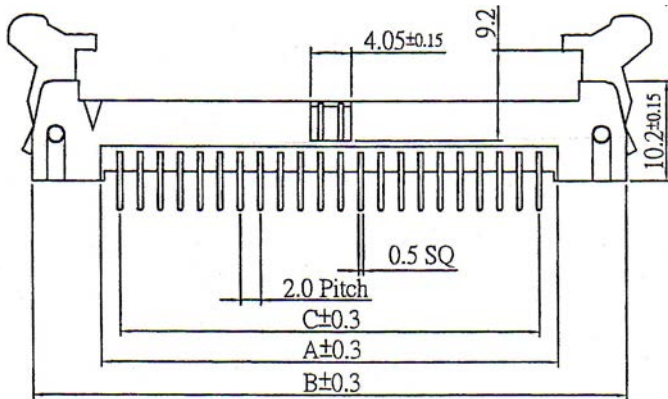
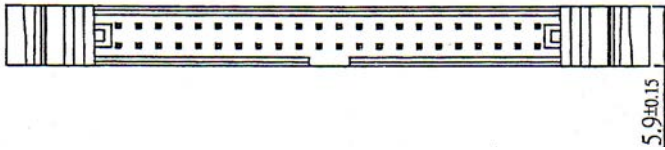
**P/N P  $\frac{XX}{YY}$   $\frac{XX}{MM}$   $\frac{XX}{DD}$  X -  $\frac{XX}{2}$   $\frac{XX}{3}$  B**

1. DIMENSION XX/A (UNIT:mm)
2. NO. OF CONTACTS:  
006, 008, 010, 012, 014, 016, 020, 024,  
026, 030, 034, 040, 044, 050, 068
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED

4. PAD & PACKAGE OPTION:  
"0" BULK PACKAGE  
"T" W/O PAD IN TUBE  
"P" WITH PAD IN TUBE

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") SHROUDED HEADER STRAIGHT TYPE WITH SHORT LEVERS



### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 25mΩ Max.

Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-9T

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
10	10.00	25.90	8.00
12	12.00	27.90	10.00
14	14.00	29.90	12.00
16	16.00	31.90	14.00
20	20.00	35.90	18.00
22	22.00	37.90	22.00
24	24.00	39.90	22.00
26	26.00	41.90	24.00
30	30.00	45.90	28.00
32	32.00	47.90	30.00
34	34.00	49.90	32.00
40	40.00	55.90	38.00
44	44.00	59.90	42.00
50	50.00	65.90	48.00
60	60.00	75.90	58.00

### ORDERING INFORMATION:

P/N 2 0 0 B G - x x x x B  
1 2 3

1. TERMINAL TYPE:

"BG" STRAIGHT TYPE

2. NO. OF CONTACTS:

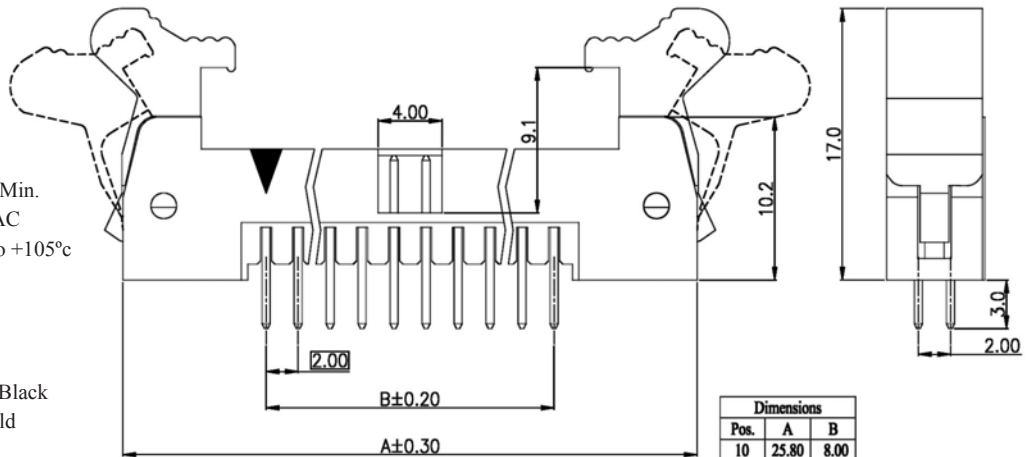
010, 012, 014, 016, 020, 022, 024, 026,

030, 032, 034, 040, 044, 050, 060

3. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM(0.079") SHROUDED HEADER STRAIGHT DIP TYPE WITH LONG LEVERS



### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

**Operating Temperature:** -55°C to +105°C

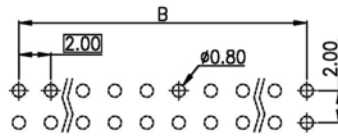
### MATERIALS

**Housing:** Nylon-6T (UL 94V-0), Black

**Terminal:** Sq. 0.50mm Brass, Gold Plating

\* RoHS & REACH compliant.

Dimensions		
Pos.	A	B
10	25.80	8.00
12	27.80	10.00
14	29.80	12.00
16	31.80	14.00
20	35.80	18.00
22	37.80	20.00
24	39.80	22.00
26	41.80	24.00
30	45.80	28.00
32	47.80	30.00
34	49.80	32.00
40	55.80	38.00
44	59.80	42.00
48	63.80	46.00
50	65.80	48.00
60	75.80	58.00
64	79.80	62.00
68	83.80	66.00



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 2 0 0 B U -  $\frac{xxx}{1}$   $\frac{G}{2}$  B

1. NO. OF CONTACTS:

010~050

2. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.00MM(0.079") ELEVATED SHROUDED HEADER STRAIGHT DIP TYPE

### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 800V AC

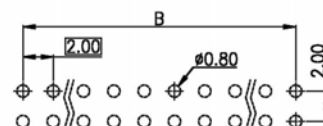
**Operating Temperature:** -55°C to +105°C

### MATERIALS

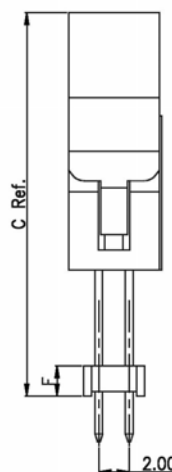
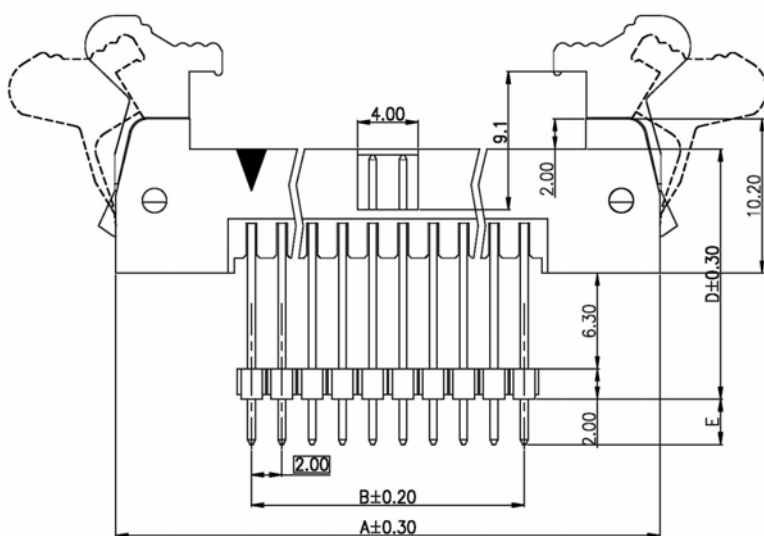
**Housing:** Nylon-6T (UL 94V-0), Black

**Terminal:** Sq. 0.50mm Copper Alloy, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C. Board Layout



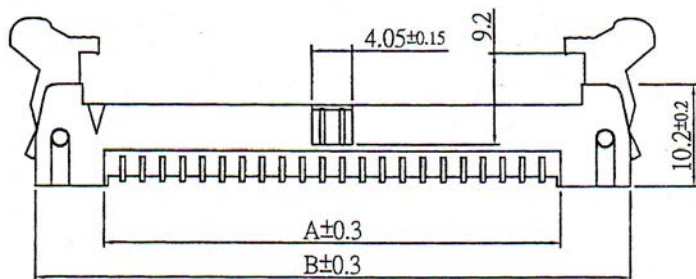
Dimensions		
Pos.	A	B
10	25.80	8.00
12	27.80	10.00
14	29.80	12.00
16	31.80	14.00
20	35.80	18.00
22	37.80	20.00
24	39.80	22.00
26	41.80	24.00
30	45.80	28.00
32	47.80	30.00
34	49.80	32.00
40	55.80	38.00
44	59.80	42.00
48	63.80	46.00
50	65.80	48.00

### ORDERING INFORMATION:

P/N 2 0 N87 - xxx G B

1. DIMENSION C, D, E & F:  
"N87" C/D/E/F = 25.3/16.5/3.0/2.0MM
2. NO. OF CONTACTS:  
010~050
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

## 2.00MM(0.079") SHROUDED HEADER RIGHT ANGLE TYPE

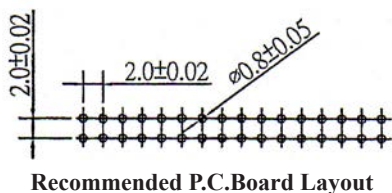
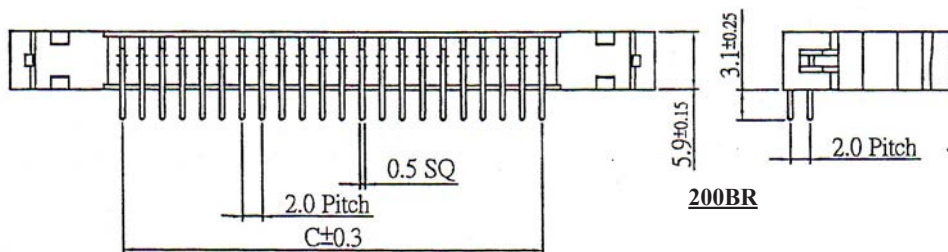


### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 25mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Thermoplastic, UL94V-0  
 Nylon-9T  
**Contacts:** Brass  
 All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)		
	A	B	C
10	10.00	25.90	8.00
12	12.00	27.90	10.00
14	14.00	29.90	12.00
16	16.00	31.90	14.00
20	20.00	35.90	18.00
22	22.00	37.90	22.00
24	24.00	39.90	22.00
26	26.00	41.90	24.00
30	30.00	45.90	28.00
32	32.00	47.90	30.00
34	34.00	49.90	32.00
40	40.00	55.90	38.00
44	44.00	59.90	42.00
50	50.00	65.90	48.00
60	60.00	75.90	58.00

### ORDERING INFORMATION:

P/N 200  $\frac{xx}{1}$  -  $\frac{xxxx}{2}$   $\frac{B}{3}$

1. LEVER TYPE:

"BR" WITH SHORT LEVERS  
 "BQ" WITH LONG LEVERS

2. NO. OF CONTACTS:

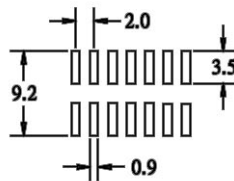
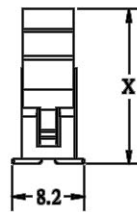
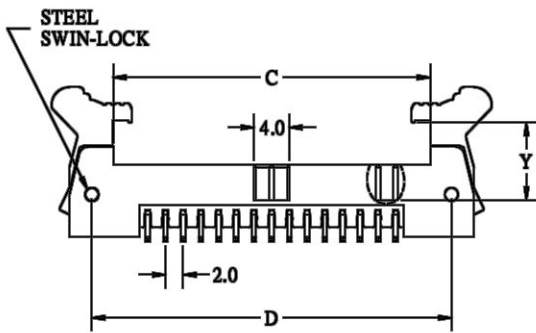
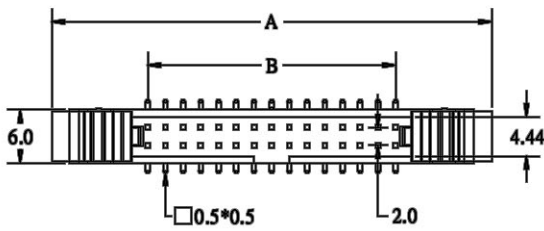
010, 012, 014, 016, 020, 022, 024, 026,  
 030, 032, 034, 040, 044, 050, 060

3. CONTACT FINISH:

"G" FULL GOLD PLATED



## 2.00MM (0.079") SHOULDED HEADER SMT TYPE



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1A  
 Contact Resistance: 30mΩ Max.  
 Insulator Resistance: 3000MΩ Min.  
 Dielectric Strength: 500V AC Min.  
 Operating Temperature: -40°C to +105°C

### MATERIALS

Insulator: LCP UL94V-0  
 Contact: Brass  
 All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)			
	A	B	C	D
6	25.7	4.0	11.8	16.6
8	27.7	6.0	13.8	18.6
10	29.7	8.0	15.8	20.6
12	31.7	10.0	17.8	22.6
14	33.7	12.0	19.8	24.6
16	35.7	14.0	21.8	26.6
20	39.7	18.0	25.8	30.6
22	41.7	20.0	27.8	32.6
24	43.7	22.0	29.8	34.6
26	45.7	24.0	31.8	36.6
30	49.7	28.0	35.8	40.6
34	53.7	32.0	39.8	44.6
40	59.7	38.0	45.8	50.6
44	63.7	42.0	49.8	54.6
50	69.7	48.0	55.8	60.6
68	87.7	66.0	73.8	78.6

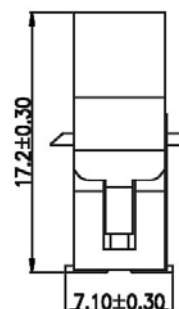
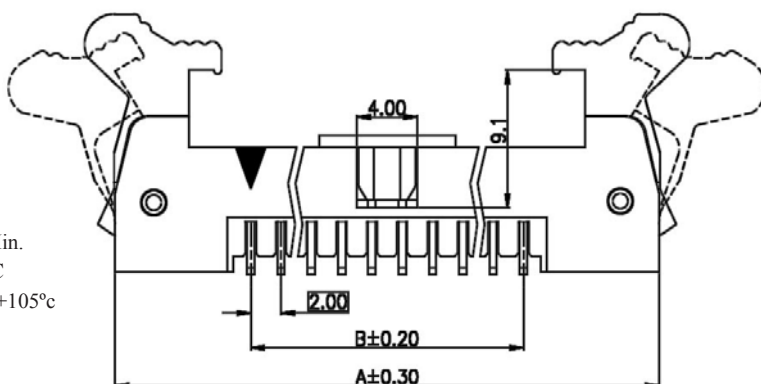
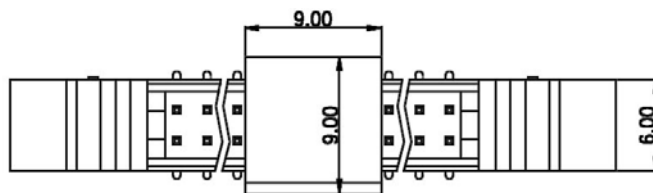
	X	Y
LONG LATCH	20.4	11.4
SHORT LATCH	17.4	8.7

### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{S}{3}$  B -  $\frac{X}{4}$

- LATCH TYPE:  
 "BA" LONG LATCHES  
 "BB" SHORT LATCHES
- NO. OF CONTACTS:  
 006, 008, 010, 012, 014, 016, 020, 022,  
 024, 026, 030, 034, 040, 044, 050, 068
- CONTACT FINISH:  
 "S" SELECTIVE GOLD PLATED
- PAD & PACKAGE OPTION:  
 "T" W/O PAD IN TUBE  
 "P" WITH PAD IN TUBE  
 "Q" WITH PAD IN TAPE & REEL

## 2.00MM(0.079") SHROUDED HEADER SMT TYPE WITH SHORT LATCHES



### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.

**Insulation Resistance:** 3000MΩ Min.

**Dielectric Withstanding:** 800V AC

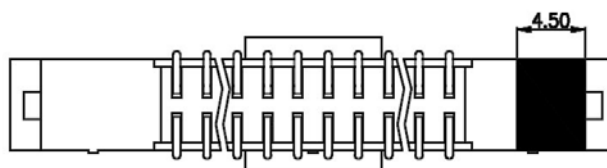
**Operating Temperature:** -55°C to +105°C

### MATERIALS

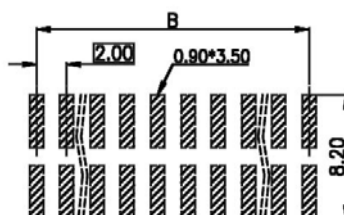
**Housing:** LCP (UL 94V-0), Black

**Terminal:** Brass, Gold Plating On Contact Area, Tin Plating On Solder Tail

\* RoHS & REACH compliant.



Dimensions		
Pos.	A	B
10	25.80	8.00
14	29.80	12.00
40	55.80	38.00



Recommended P.C.Board Layout

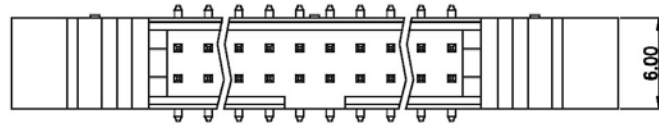
### ORDERING INFORMATION:

P/N 20N82 -  $\frac{xxx}{1} \frac{G}{2} B - \frac{x}{3}$

1. NO. OF CONTACTS:  
010, 014, 040
2. CONTACT FINISH:  
"G" FULL GOLD PLATED
3. PACKAGE OPTION:  
"T" WITHOUT PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") SHROUDED HEADER SMT TYPE WITH LONG LATCHES



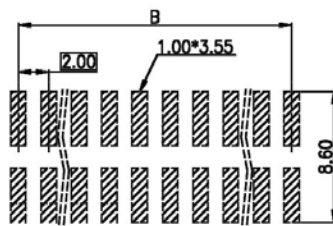
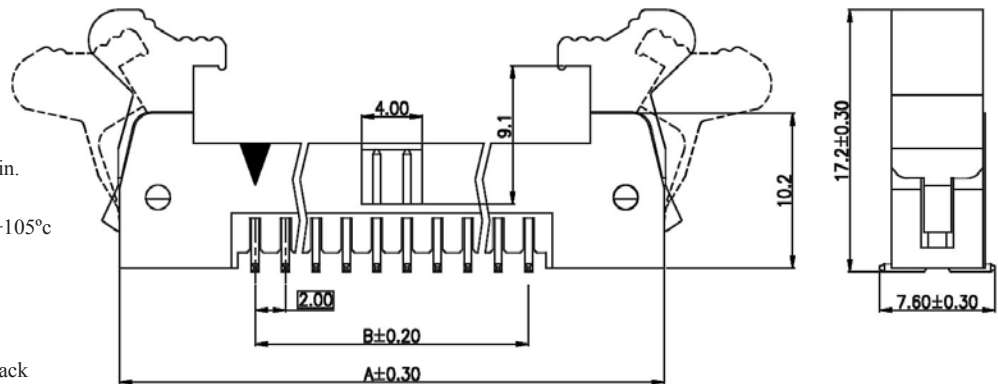
### SPECIFICATIONS

**Rating Current:** 1 Ampere Max.  
**Insulation Resistance:** 1000MΩ Min.  
**Dielectric Withstanding:** 800V AC  
**Operating Temperature:** -55°C to +105°C

### MATERIALS

**Housing:** Nylon-6T (UL 94V-0), Black  
**Terminal:** Sq. 0.50mm Brass, Gold Plating

\* RoHS & REACH compliant.



Recommended P.C.Board Layout

Dimensions		
Pos.	A	B
10	25.80	8.00
12	27.80	10.00
14	29.80	12.00
16	31.80	14.00
20	35.80	18.00
22	37.80	20.00
24	39.80	22.00
26	41.80	24.00
30	45.80	28.00
32	47.80	30.00
34	49.80	32.00
40	55.80	38.00
44	59.80	42.00
48	63.80	46.00
50	65.80	48.00
60	75.80	58.00
64	79.80	62.00
68	83.80	66.00

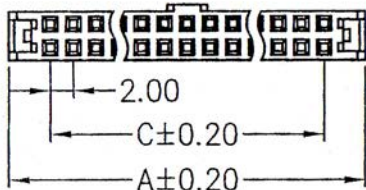
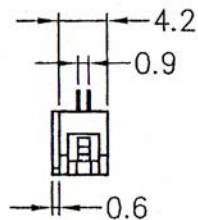
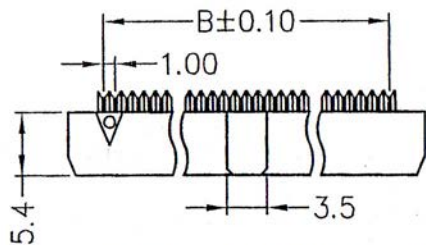
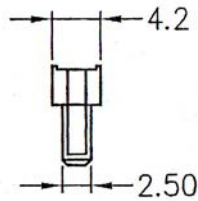
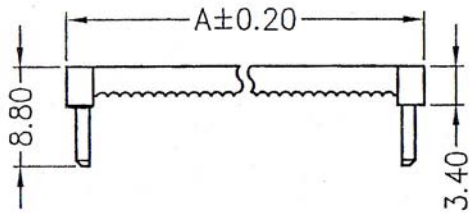
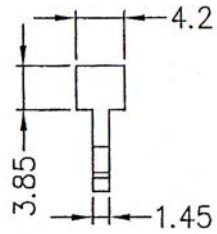
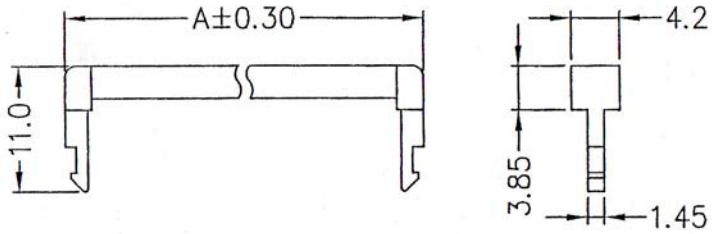
### ORDERING INFORMATION:

P/N 2 0 0 B V -  $\frac{x}{1}$   $\frac{x}{2}$  G B -  $\frac{x}{3}$

1. NO. OF CONTACTS:  
010~050
2. CONTACT FINISH:  
"G" FULL GOLD PLATED
3. PACKAGE OPTION:  
"T" WITHOUT PAD IN TUBE  
"P" WITH PAD IN TUBE  
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

## 2.00MM(0.079") IDC SOCKET FOR 1.00MM PITCH FLAT CABLE



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 15mΩ Max.

**Operating Temperature:** -40°C to +105°C

### MATERIALS

**Insulator:** Glass, UL94V-0

P.B.T

**Contacts:** Copper Alloy

**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)		
	A	B	C
06	11.20	5.00	4.00
08	13.20	7.00	6.00
10	15.20	9.00	8.00
12	17.20	11.00	10.00
14	19.20	13.00	12.00
16	21.20	15.00	14.00
18	23.20	17.00	16.00
20	25.20	19.00	18.00
22	27.20	21.00	20.00
24	29.20	23.00	22.00
26	31.20	25.00	24.00
28	33.20	27.00	26.00
30	35.20	29.00	28.00
32	37.20	31.00	30.00
34	39.20	33.00	32.00

No. of Contacts	Dimensions(mm)		
	A	B	C
36	41.20	35.00	34.00
38	43.20	37.00	36.00
40	45.20	39.00	38.00
44	49.20	43.00	42.00
48	53.20	47.00	46.00
50	55.20	49.00	48.00
54	59.20	53.00	52.00
56	61.20	55.00	54.00
60	65.20	59.00	58.00
62	67.20	61.00	60.00
64	69.20	63.00	62.00
68	73.20	67.00	66.00
80	85.20	79.00	78.00
100	105.20	99.00	98.00

### ORDERING INFORMATION:

P/N 200  $\frac{1}{XX}$  -  $\frac{2}{XXX}$   $\frac{3}{S}$  B

#### 1. CONNECTOR TYPE:

"DS" W/O POLAZING NOSE &  
W/O STRAIN RELIEF

"DW" W/O POLAZING NOSE &  
WITH STRAIN RELIEF

"DN" WITH POLAZING NOSE &  
W/O STRAIN RELIEF

"DM" WITH POLAZING NOSE &  
WITH STRAIN RELIEF

#### 2. NO. OF CONTACTS:

006 ~ 100

#### 3. CONTACT FINISH:

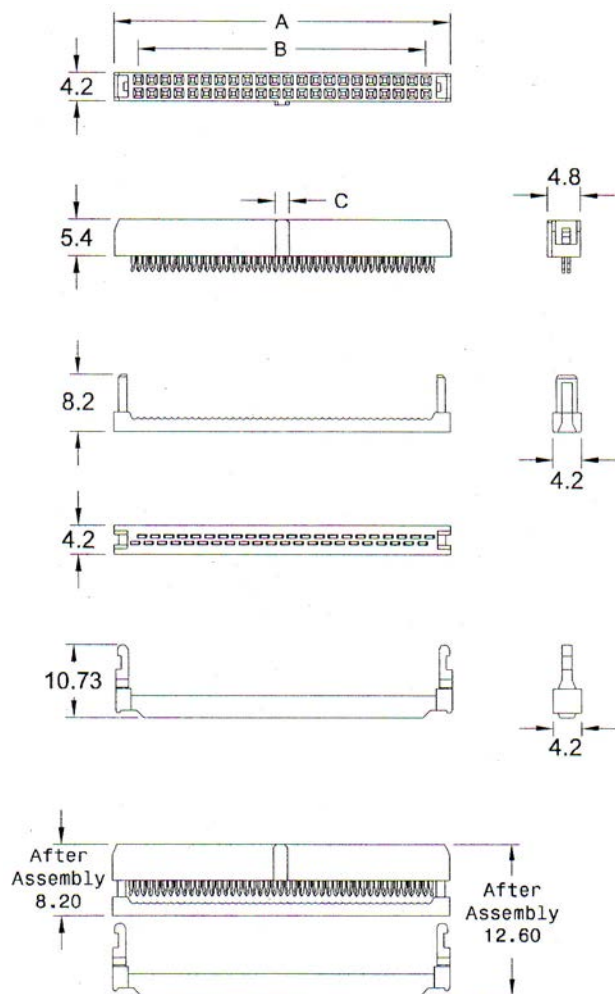
"S" SELECTIVE GOLD PLATED

#### NOTE: MATED PLUGGY KEYS

P/N 200KY-010B (BLACK)

P/N 200KY-010W (WHITE)

## 2.00MM(0.079") IDC SOCKET FOR 1.00MM PITCH FLAT CABLE



### SPECIFICATIONS

**Current Rating:** 1.0 Amp  
**Dielectric Withstand:** 500V AC  
**Insulator Resistance:** 3000 MΩ min.  
**Contact Resistance:** 30mΩ Max.  
**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Glass, UL94V-0

P.B.T

**Contacts:** Phosphor Bronze or Brass

**All materials must be RoHS compliant.**

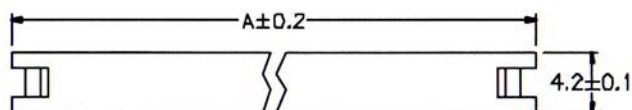
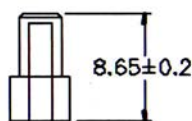
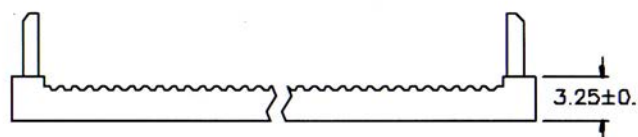
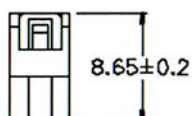
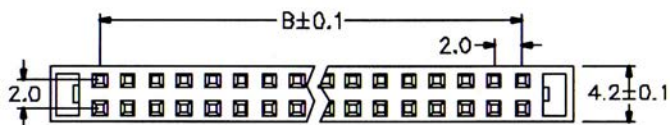
No. of Contacts	Dimensions(mm)		
	A	B	C
06	11.14	4.00	2.00
08	13.14	6.00	2.00
10	15.14	8.00	2.00
12	17.14	10.00	2.00
14	19.14	12.00	2.00
16	21.14	14.00	2.00
18	23.14	16.00	2.00
20	25.14	18.00	2.00
22	27.15	20.00	2.00
24	29.14	22.00	2.00
26	31.14	24.00	2.00
28	33.14	26.00	2.00
30	35.15	28.00	2.00
34	39.14	32.00	2.00
36	41.14	34.00	2.00
38	43.14	36.00	2.00
40	45.14	38.00	2.00
44	49.14	42.00	2.00
48	53.14	46.00	2.00
50	55.14	48.00	2.00
60	65.14	58.00	2.00
64	69.14	62.00	2.00

### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{G}{3}$   $\frac{B}{4}$

- CONNECTOR TYPE:  
 "NL" W/O NOSE W/O STRAIN RELIEF  
 "NM" W/O NOSE WITH STRAIN RELIEF  
 "NN" WITH NOSE W/O STRAIN RELIEF  
 "NP" WITH NOSE WITH STRAIN RELIEF  
 "NQ" STRAIN RELIEF
- NO. OF CONTACTS:  
 006 ~ 064
- CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "X" FOR STRAIN RELIEF (NQ)
- INSULATOR COLOR:  
 "B" BLACK (STANDARD)  
 "A" GRAY (OPTIONAL)

## 2.00MM(0.079") IDC SOCKET FOR 1.00MM PITCH FLAT CABLE



### SPECIFICATIONS

Current Rating: 2.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester, UL94V-0

Nylon 6T

Contacts: Phosphor Bronze

All materials must be RoHS compliant.

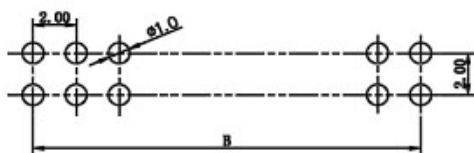
No. of Contacts	Dimensions(mm)	
	A	B
10	15.10	8.00
14	19.10	12.00
16	21.10	14.00
18	23.10	16.00
20	25.10	18.00
22	27.10	20.00
24	29.10	22.00
26	31.10	24.00
30	35.10	28.00
34	39.10	32.00
36	41.10	34.00
40	45.10	38.00
44	49.10	42.00
50	55.10	48.00
60	65.10	58.00
68	73.10	66.00

### ORDERING INFORMATION:

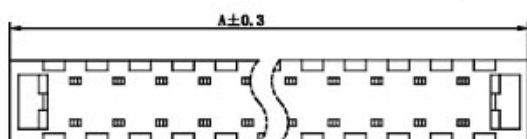
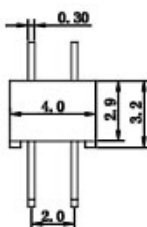
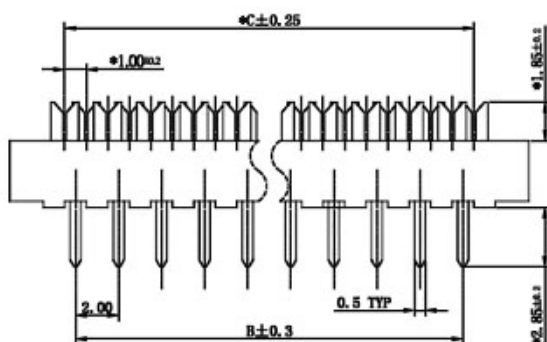
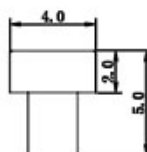
P/N 200  $\frac{1}{X}$  -  $\frac{2}{XXX}$   $\frac{3}{S}$  B

- STRAIN RELIEF OPTION:  
"NR" WITHOUT STRAIN RELIEF  
"NS" WITH STRAIN RELIEF
- NO. OF CONTACTS:  
010, 014, 016, 018, 020, 022, 024, 026,  
030, 034, 036, 040, 044, 050, 060, 068
- CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED

## 2.00MM(0.079") DIP PLUG FOR 1.00MM PITCH FLAT CABLE



Recommended P.C.Board Layout



### SPECIFICATIONS

**Current Rating:** 1.0 Amp

**Dielectric Withstand:** 500V AC

**Insulator Resistance:** 100 MΩ min.

**Contact Resistance:** 1Ω Max.

**Operating Temperature:** -40°C to + 105°C

### MATERIALS

**Insulator:** Glass, UL94V-0

P.B.T

**Contacts:** Copper Alloy

**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)		
	A	B	C
06	10.10	4.00	5.00
08	12.10	6.00	7.00
10	14.10	8.00	9.00
12	16.10	10.00	11.00
14	18.10	12.00	13.00
16	20.10	14.00	15.00
18	22.10	16.00	17.00
20	24.10	18.00	19.00
22	26.10	20.00	21.00
24	28.10	22.00	23.00
26	30.10	24.00	25.00
28	32.10	26.00	27.00
30	34.10	28.00	29.00
32	36.10	30.00	31.00
34	38.10	32.00	33.00
36	40.10	34.00	35.00
38	42.10	36.00	37.00
40	44.10	38.00	39.00
42	46.10	40.00	41.00
44	48.10	42.00	43.00
46	50.10	44.00	45.00
48	52.10	46.00	47.00
50	54.10	48.00	49.00
52	56.10	50.00	51.00
54	58.10	52.00	53.00
56	60.10	54.00	55.00
58	62.10	56.00	57.00
60	64.10	58.00	59.00

### ORDERING INFORMATION:

P/N 2 0 0 D P -  $\frac{x x x x}{1} \frac{x}{2} B$

1. NO. OF CONTACTS:

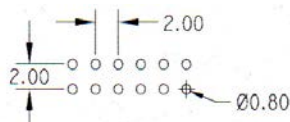
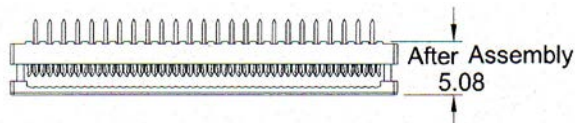
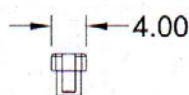
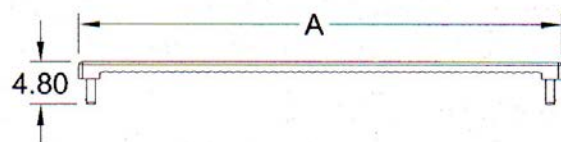
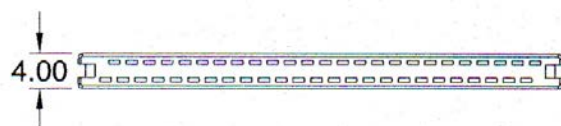
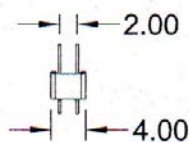
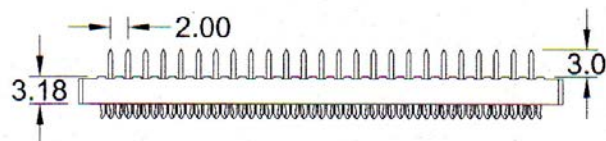
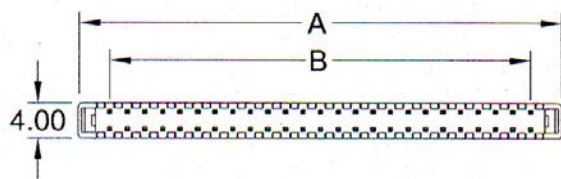
006 ~ 068

2. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED (STANDARD)

"T" FULL TIN PLATED

## 2.00MM(0.079") DIP PLUG FOR 1.00MM PITCH FLAT CABLE



Recommended P.C.Board Layout

### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 3000 MΩ min.

Contact Resistance: 30mΩ Max.

Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Glass, UL94V-0

P.B.T

Contacts: Phosphor Bronze or Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
06	11.20	4.00
08	13.20	6.00
10	15.20	8.00
12	17.20	10.00
14	19.20	12.00
16	21.20	14.00
20	25.20	18.00
22	27.20	20.00
24	29.20	22.00
26	31.20	24.00
30	35.20	28.00
34	39.20	32.00
40	45.20	38.00
44	49.20	42.00
50	55.20	48.00
60	65.20	58.00
68	73.20	66.00

### ORDERING INFORMATION:

P/N 200  $\frac{DU}{1}$  -  $\frac{XXXX}{2}$   $\frac{B}{3}$

#### 1. TERMINATED HEIGHT:

"DU" H= 5.08mm AFTER ASSEMBLY

#### 2. NO. OF CONTACTS:

006, 008, 010, 012, 014, 016, 020, 022,  
024, 026, 030, 034, 040, 044, 050, 060,  
068

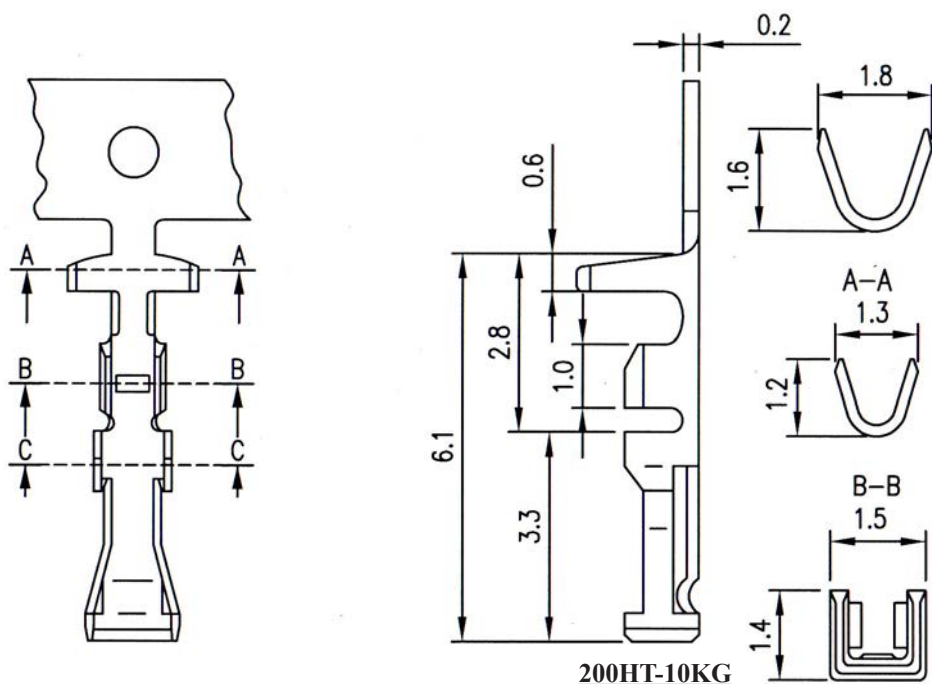
#### 3. CONTACT FINISH:

"T" FULL TIN PLATED (STANDARD)

"G" FULL GOLD PLATED (OPTIONAL)

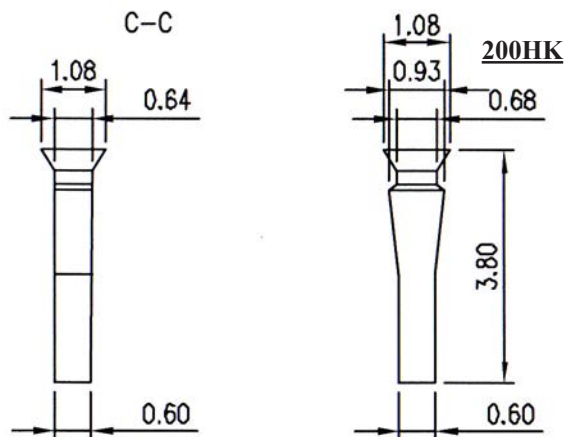
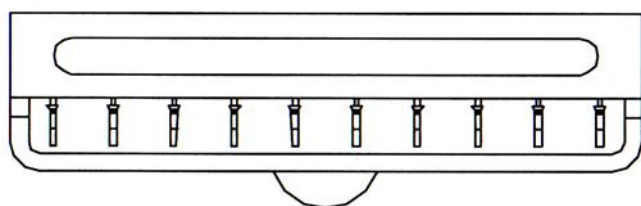


## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (A1)



**TERMINAL**  
 Accepts AWG# 26-30 Wire Range  
 Insulation O.D.: 1.30mm(max)  
 Material: Bronze  
 Finish: Gold Plated  
 Thickness: 0.2mm

**HOUSING**  
 Insulator: P.B.T, UL94V-0  
 All materials must be RoHS compliant.



### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 200HT-10KG**

PU= 10.000PCS/REEL

NOTE: ACCEPTS 200HS, 200HD,  
 200HE & 200HL HOUSINGS

#### POLARIZATION KEY:

**P/N 200HK-001K<sub>X</sub><sub>I</sub>**

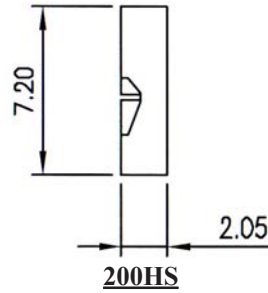
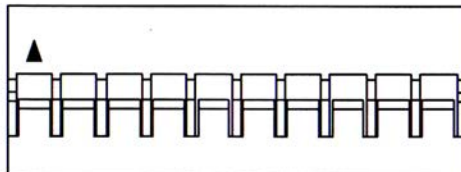
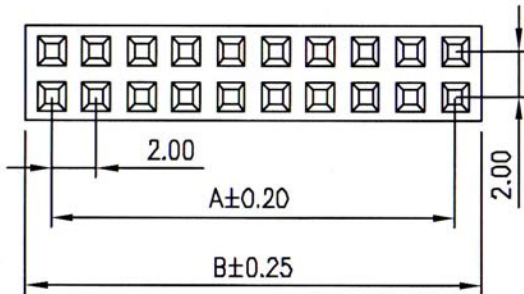
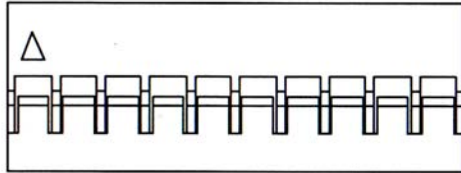
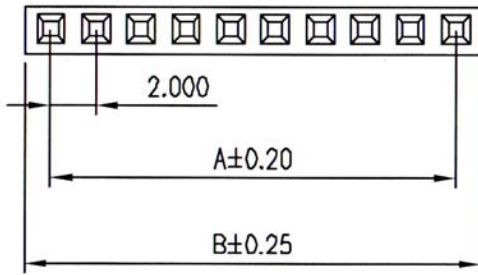
1. COLOR OF KEY:

"B" BLACK

"W" WHITE

NOTE: ACCEPTS 200HS, 200HD,  
 200HE & 200HL HOUSINGS

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (A2)



### HOUSING

Material: Nylon 66, UL94V-0  
Glass Fiber Polyester

Color: Black

All materials must be RoHS compliant.

### 200HS

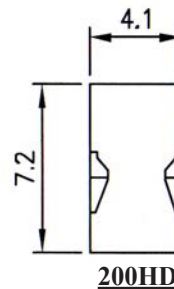
DIMENSIONS:

A = 2.0 x (No. of Contacts/Row - 1)  
B = 2.3 + A

### 200HD

DIMENSIONS:

A = 2.0 x (No. of Contacts/2 - 1)  
B = 2.3 + A



### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$  H  $\frac{B}{3}$

1. NO. OF ROWS:

"HS" SINGLE ROW

"HD" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

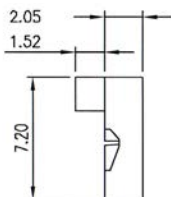
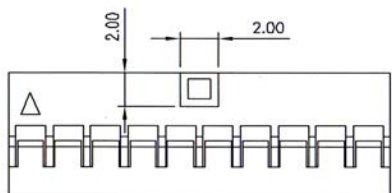
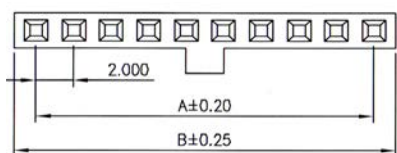
004 ~ 080 FOR DOUBLE ROW

3. INSULATOR COLOR:

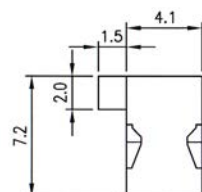
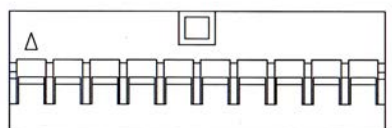
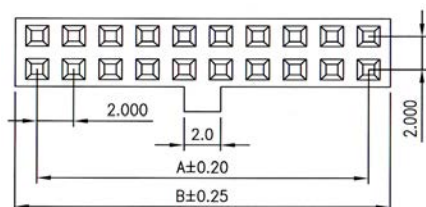
"B" BLACK

NOTE: ACCEPTS 200HT TERMINAL

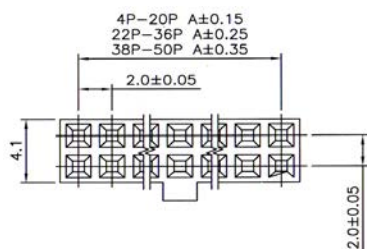
## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (A3)



**200HE**



**200HL**

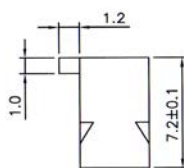
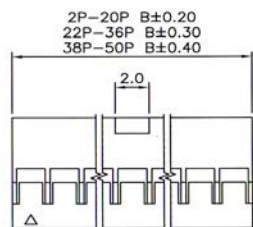


**200HE**

**DIMENSIONS:**

A = 2.0 x (No. of Contacts/Row - 1)

B = 2.3 + A



**200LG**

### SPECIFICATIONS

**Current Rating:** 3.0 Amp

**Dielectric Withstand:** 1000V AC

**Insulator Resistance:** 1000 MΩ min.

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -25°C to + 85°C

### MATERIALS

**Insulator:** Polyester, UL94V-0

Nylon 66

All materials must be RoHS compliant.

### 200HL/200LG

No. of Contacts	Dimensions(mm)	
	A	B
04	2.00	4.20
06	4.00	6.20
08	6.00	8.20
10	8.00	10.20
12	10.00	12.20
14	12.00	14.20
16	14.00	16.20
18	16.00	18.20
20	18.00	20.20
22	20.00	22.20
24	22.00	24.20
26	24.00	26.20
28	26.00	28.20
30	28.00	30.20
32	30.00	32.20
34	32.00	34.20
36	34.00	36.20
38	36.00	38.20
40	38.00	40.20
42	40.00	42.20
44	42.00	44.20
46	44.00	46.20
48	46.00	48.20
50	48.00	50.20

### ORDERING INFORMATION:

P/N **200**  $\frac{\text{xx}}{1}$  -  $\frac{\text{xxx}}{2}$  H  $\frac{B}{3}$

1. NO. OF ROWS:

"HE" SINGLE ROW

"HL" DOUBLE ROW TYPE I

"LG" DOUBLE ROW TYPE II

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

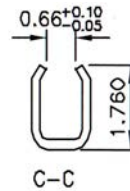
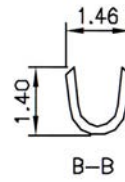
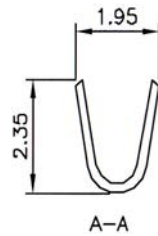
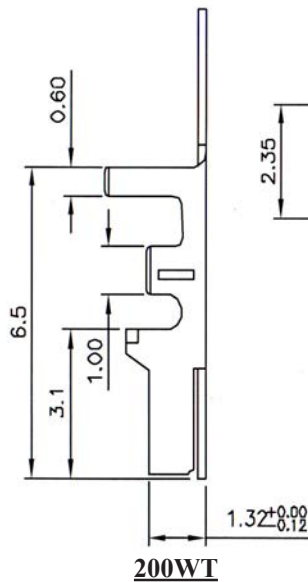
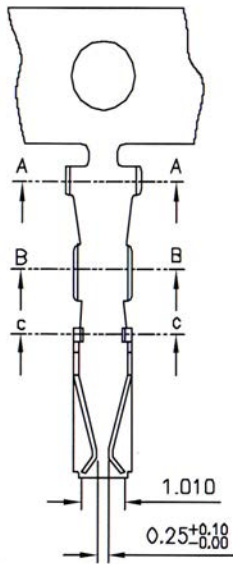
004 ~ 080 FOR DOUBLE ROW

3. INSULATOR COLOR:

"B" BLACK

NOTE: ACCEPTS 200HT TERMINAL

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (B1)



### TERMINAL

Accepts AWG# 24-30 Wire Range

Insulation O.D.: 1.40mm(max)

Material: Brass or Phosphor Bronze

Finish: Gold Plated or Tin Plated

Thickness: 0.2mm

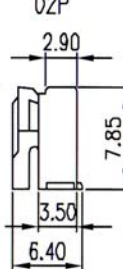
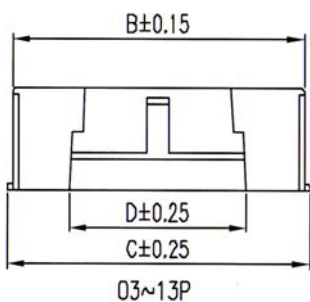
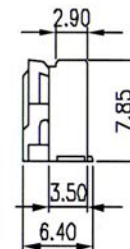
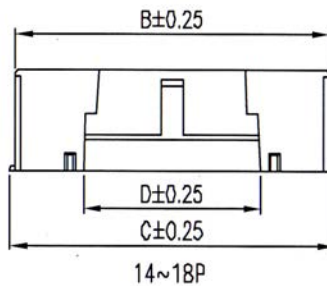
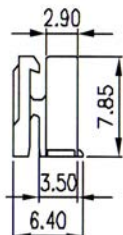
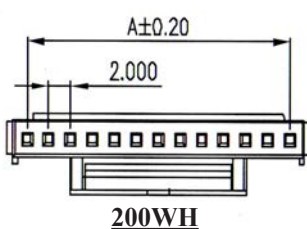
### MATERIALS

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

### 200WH

No. of Contacts	Dimensions(mm)			
	A	B	C	D
02	2.00	4.60	5.60	3.20
03	4.00	6.60	7.60	3.90
04	6.00	8.60	9.60	3.90
05	8.00	10.60	11.60	6.38
06	10.00	12.60	13.60	6.38
07	12.00	14.60	15.60	10.38
08	14.00	16.60	17.60	12.38
09	16.00	18.60	19.60	14.38
10	18.00	20.60	21.60	14.38
11	20.00	22.60	23.60	16.16
12	22.00	24.60	25.60	16.16
13	24.00	26.60	27.60	16.16
14	26.00	28.60	29.60	16.16
15	28.00	30.60	31.60	16.16
16	30.00	32.60	33.60	16.16
17	32.00	34.60	35.60	16.16
18	34.00	36.60	37.60	16.16



### ORDERING INFORMATION:

#### CRIMP TERMINAL:

P/N 200WT-15K<sub>I</sub>

- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED  
PU = 15.000PCS/REEL  
NOTE: ACCEPTS 200WH HOUSING

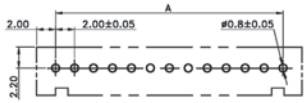
#### HOUSING:

P/N 200WH-xxxHV<sub>I</sub>

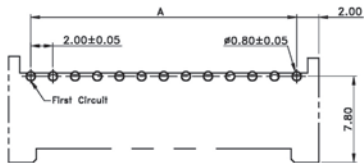
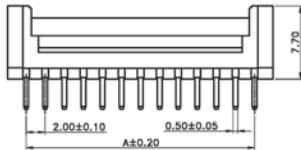
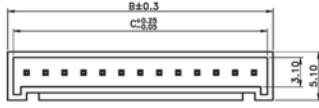
- NO. OF CONTACTS:  
002 ~ 018

NOTE: ACCEPTS 200WT TERMINAL

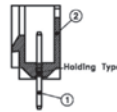
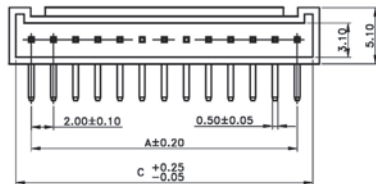
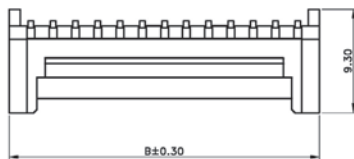
## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (B2)



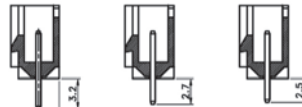
### Recommended P.C.Board Layout



### Recommended P.C.Board Layout



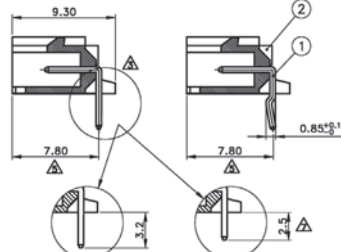
### 200WJ, WK, WL



### 200WS

### 200WE

### 200WF



### 200WR

### 200WG

### SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstand: 100V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to + 105°C

### MATERIALS

Insulator: PA66 UL94V-0

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
02	2.00	6.00	4.75
03	4.00	8.00	6.75
04	6.00	10.00	8.75
05	8.00	12.00	10.75
06	10.00	14.00	12.75
07	12.00	16.00	14.75
08	14.00	18.00	16.75
09	16.00	20.00	18.75
10	18.00	22.00	20.75
11	20.00	24.00	22.75
12	22.00	26.00	24.75
13	24.00	28.00	26.75
14	26.00	30.00	28.75
15	28.00	32.00	30.75
16	30.00	34.00	32.75

STRUCTURE	DIP=3.2mm	DIP=2.7mm	DIP=2.5mm
NORMAL TYPE	WS	WE	WF
HOLDING TYPE	WJ	WK	WL

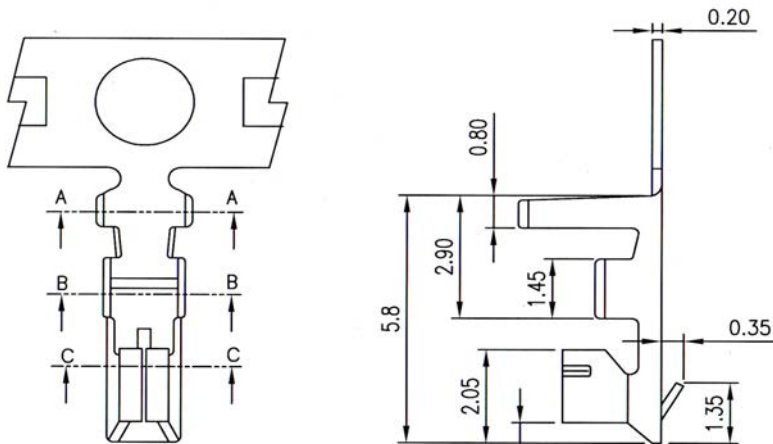
## ORDERING INFORMATION:

P/N 200  $\frac{1}{XX}$  -  $\frac{2}{XXXX}$   $\frac{3}{X}$   $\frac{4}{X}$

- STRUCTURE & DIP TYPE:  
WS, WE, WF, WJ, WK, WL (STRAIGHT TYPE)  
"WR" RIGHT ANGLE TYPE W/O KINK  
"WG" RIGHT ANGLE TYPE WITH KINK
- NO. OF CONTACTS:  
002 ~ 016
- CONTACT FINISH:  
"T" BRIGHT TIN PLATED  
"MT" MATTE TIN PLATED
- INSULATOR COLOR:  
"V" BEIGE  
"U" BLUE

NOTE: MATES WITH 200WH HOUSING

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (C1)



### TERMINAL

Accepts AWG# 26-30 Wire Range

**Insulation O.D.:** 1.40mm(max)

**Material:** Phosphor Bronze

**Finish:** Tin Plated

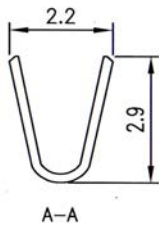
**Thickness:** 0.2mm

### HOUSING

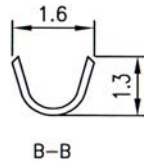
**Insulator:** Nylon 66, UL94V-0

**All materials must be RoHS compliant.**

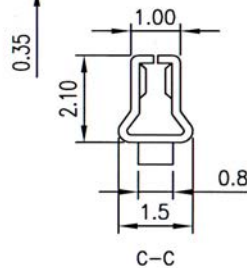
### 200JT-10KT



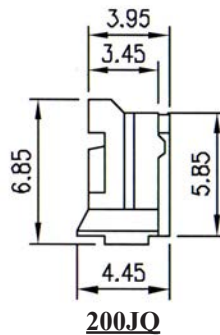
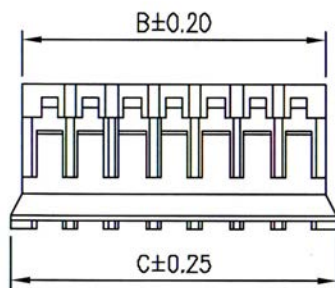
A-A



B-B



C-C



### 200JQ

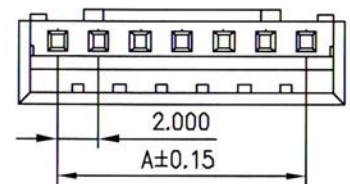
### 200JQ

#### DIMENSIONS:

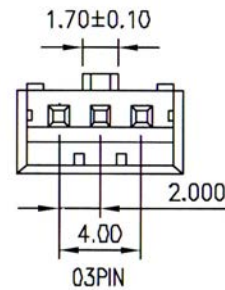
A = 2.0 x (No. of Contacts/Row) - 2.0

B = 2.0 x (No. of Contacts/Row) + 0.65

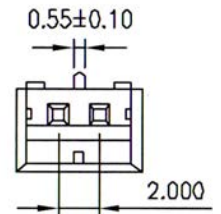
C = 2.0 x (No. of Contacts/Row) + 1.8



04~16PIN



03PIN



02PIN

## ORDERING INFORMATION:

### CRIMP TERMINAL:

**P/N 200JT-10KT**

PU= 10.000PCS/REEL

NOTE: ACCEPTS 200JQ HOUSING

### HOUSING:

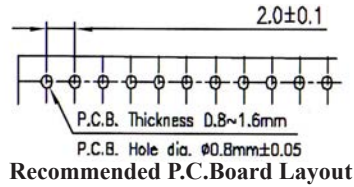
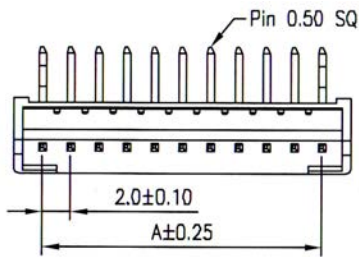
**P/N 200JQ - xxx HV**

1. NO. OF CONTACTS:

002 ~ 020

NOTE: ACCEPTS 200JT TERMINAL

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (C2)



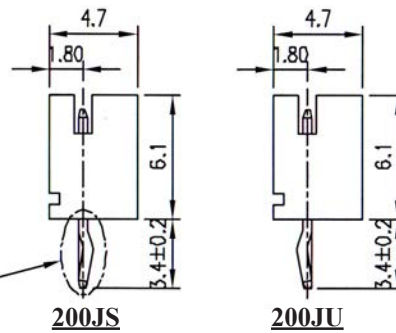
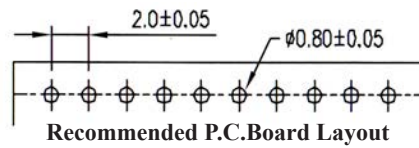
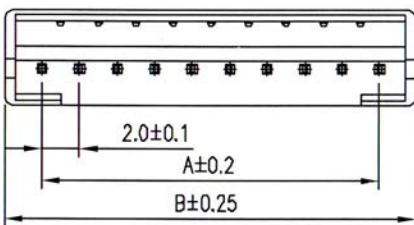
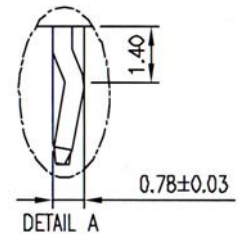
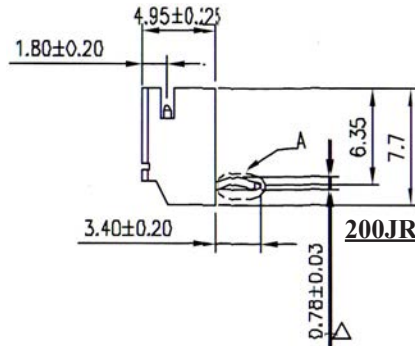
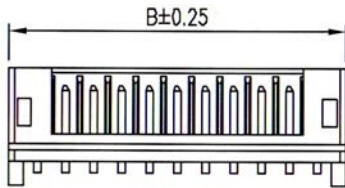
### WAFER

Material: Nylon 66, UL94V-0  
0.5mm(0.020") Square Pin

PIN Material: Brass/

Tin Plated or Gold Plated

All materials must be RoHS compliant.



### 200JR/200JS/200JU

#### DIMENSIONS:

A = 2.0 x (No. of Contacts/Row - 1)  
B = 4.0 + A

## ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXXX}{2}$   $\frac{X}{3}$   $\frac{X}{4}$

### 1. TERMINAL TYPE:

- "JR" RIGHT ANGLE TYPE
- "JS" STRAIGHT TYPE WITH KINK
- "JU" STRAIGHT TYPE WITH REVERSE KINK

### 2. NO. OF CONTACTS:

002 ~ 016

### 3. CONTACT FINISH:

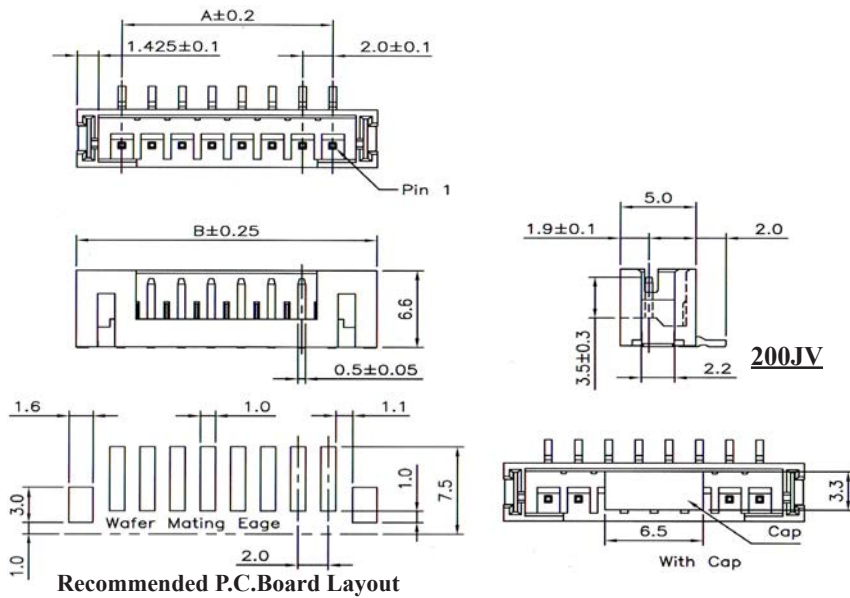
- "T" TIN PLATED
- "MT" MATTE TIN PLATED

### 4. INSULATOR COLOR:

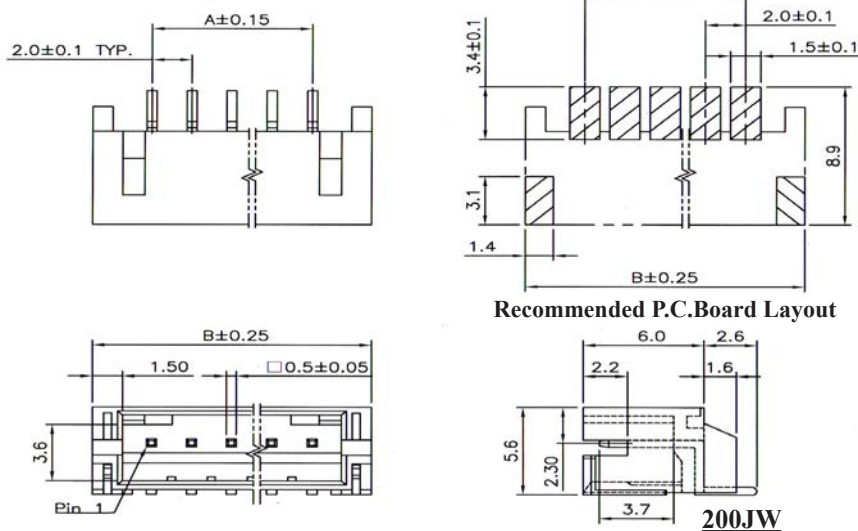
- "V" BEIGE (STANDARD)
- "B" BLACK
- "U" BLUE

NOTE: MATES WITH 200JQ HOUSING

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (C3)



Recommended P.C.Board Layout



Recommended P.C.Board Layout

### SPECIFICATIONS

**Current Rating:** 2.0 Amp  
**Dielectric Withstand:** 800V AC  
**Insulator Resistance:** 1000 MΩ min.  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -25°C to + 85°C

### MATERIALS

**Insulator:** Glass, UL94V-0  
 Nylon-9T  
**Contacts:** Phosphor Bronze  
**All materials must be RoHS compliant.**

#### 200JV

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	7.95
03	4.00	9.95
04	6.00	11.95
05	8.00	13.95
06	10.00	15.95
07	12.00	17.95
08	14.00	19.95
09	16.00	21.95
10	18.00	23.95
11	20.00	25.95
12	22.00	27.95
13	24.00	29.95
14	26.00	31.95
15	28.00	33.95
16	30.00	35.95

#### 200JW

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	8.00
03	4.00	10.00
04	6.00	12.00
05	8.00	14.00
06	10.00	16.00
07	12.00	18.00
08	14.00	20.00
09	16.00	22.00
10	18.00	24.00
11	20.00	26.00
12	22.00	28.00
13	24.00	30.00
14	26.00	32.00
15	28.00	34.00
16	30.00	36.00

### ORDERING INFORMATION:

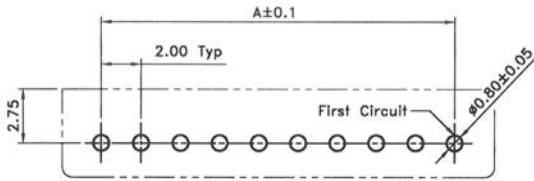
P/N 200  $\frac{1}{T}$  -  $\frac{2}{V}$  -  $\frac{3}{X}$

1. TERMINAL TYPE:  
 "JV" STRAIGHT SMT TYPE  
 "JW" RIGHT ANGLE SMT TYPE
2. NO. OF CONTACTS:  
 002 ~ 016
3. PAD & PACKAGE OPTION:  
 "Q" WITH PAD IN TAPE & REEL (FOR 200JV)  
 "R" W/O PAD IN TAPE & REEL (FOR 200JW & 200JV)

NOTE: MATES WITH 200JQ HOUSING

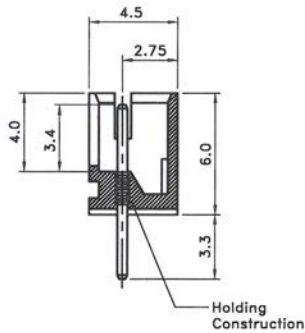
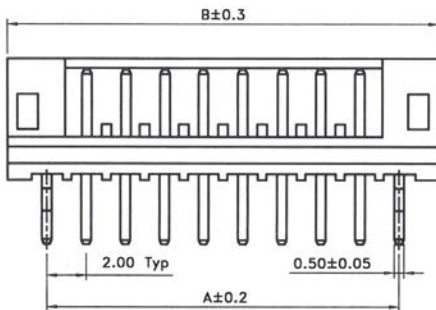
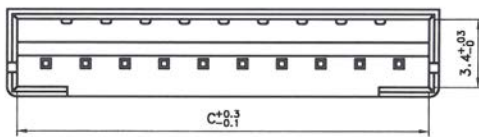


## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (C4)

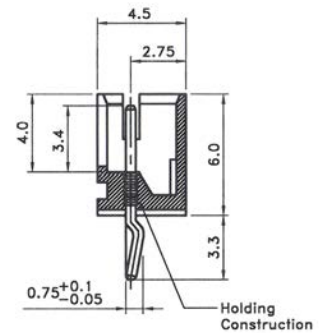


Recommended P.C. Board Layout

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.00	6.00	5.00
03	4.00	8.00	7.00
04	6.00	10.00	9.00
05	8.00	12.00	11.00
06	10.00	14.00	13.00
07	12.00	16.00	15.00
08	14.00	18.00	17.00
09	16.00	20.00	19.00
10	18.00	22.00	21.00
11	20.00	24.00	23.00
12	22.00	26.00	25.00
13	24.00	28.00	27.00
14	26.00	30.00	29.00
15	28.00	32.00	31.00
16	30.00	34.00	33.00



200J1-xxxxV



200J2-xxxxV

### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 2A AC/DC

**Withstanding Voltage:** 800V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 20mΩ Max

### MATERIAL

**Wafer:** Brass, Tin Plated

**Base:** Nylon 66 UL94V-0

**All materials must be RoHS compliant.**

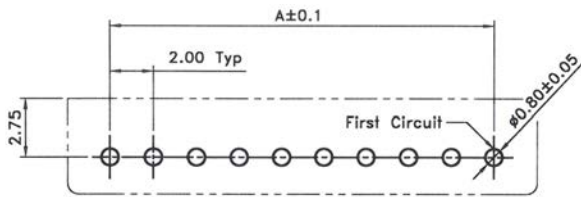
### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXXX}{2}$   $\frac{V}{34}$

1. TERMINAL TYPE:  
"J1" HOLDING CONSTRUCTION  
"J2" HOLDING CONSTRUCTION & KINKED
2. NO. OF CONTACTS:  
002 ~ 016
3. CONTACT FINISH:  
"T" TIN PLATED  
"MT" MAT-TIN PLATED
4. INSULATOR COLOR:  
"V" BEIGE

NOTE: MATES WITH 200JQ HOUSING

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (C5)



Recommended P.C.Board Layout

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.00	6.00	5.00
03	4.00	8.00	7.00
04	6.00	10.00	9.00
05	8.00	12.00	11.00
06	10.00	14.00	13.00
07	12.00	16.00	15.00
08	14.00	18.00	17.00
09	16.00	20.00	19.00
10	18.00	22.00	21.00
11	20.00	24.00	23.00
12	22.00	26.00	25.00
13	24.00	28.00	27.00
14	26.00	30.00	29.00
15	28.00	32.00	31.00
16	30.00	34.00	33.00

### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 2A AC/DC

**Withstanding Voltage:** 800V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

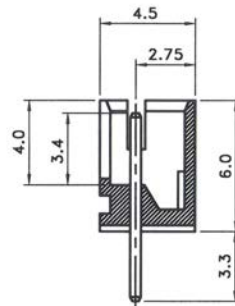
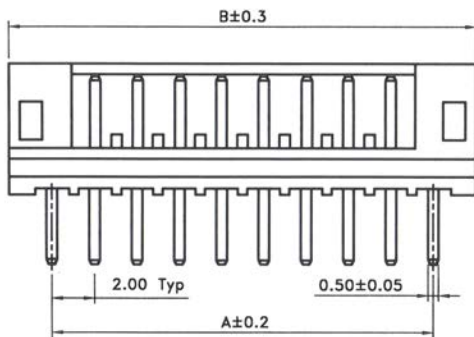
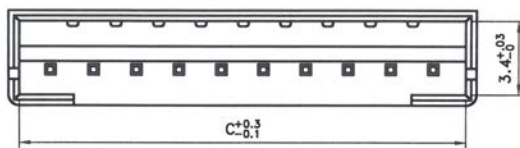
**Contact Resistance:** 20mΩ Max

### MATERIAL

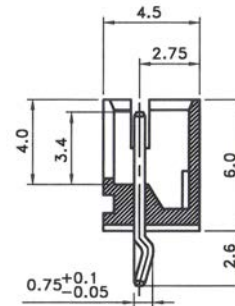
**Wafer:** Brass, Tin Plated

**Base:** Nylon PA46 UL94V-0

**All materials must be RoHS compliant.**



**200J3-xxxxV**



**200J4-xxxxV**

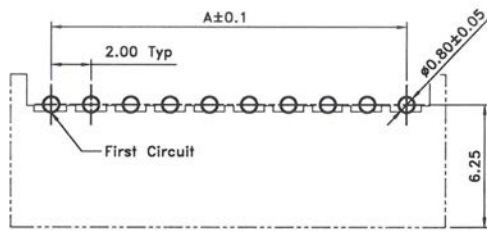
### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXXX}{2}$   $\frac{X}{3}$   $\frac{V}{4}$

1. TERMINAL TYPE:  
"J3" DIP=3.3MM  
"J4" DIP=2.6MM & KINKED
2. NO. OF CONTACTS:  
002 ~ 016
3. CONTACT FINISH:  
"T" TIN PLATED (STANDARD)  
"G" GOLD PLATED
4. INSULATOR COLOR:  
"V" BEIGE

NOTE: MATES WITH 200JQ HOUSING

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (C6)



Recommended P.C.Board Layout

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.00	6.00	5.00
03	4.00	8.00	7.00
04	6.00	10.00	9.00
05	8.00	12.00	11.00
06	10.00	14.00	13.00
07	12.00	16.00	15.00
08	14.00	18.00	17.00
09	16.00	20.00	19.00
10	18.00	22.00	21.00
11	20.00	24.00	23.00
12	22.00	26.00	25.00
13	24.00	28.00	27.00
14	26.00	30.00	29.00
15	28.00	32.00	31.00
16	30.00	34.00	33.00

### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 2A AC/DC

**Withstanding Voltage:** 800V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

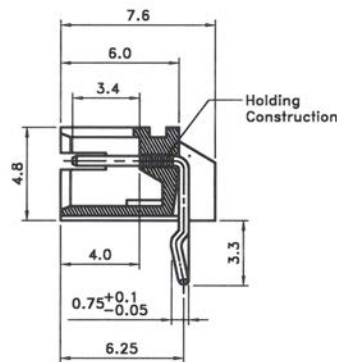
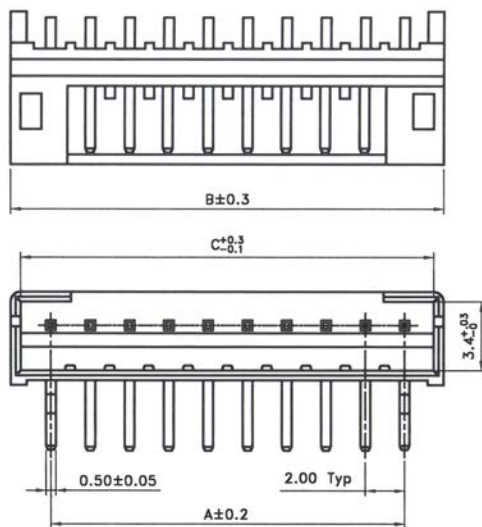
**Contact Resistance:** 20mΩ Max

### MATERIAL

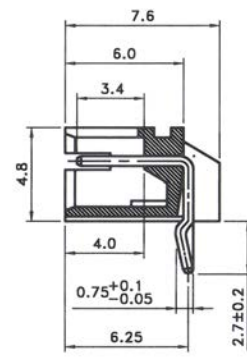
**Wafer:** Brass, Tin Plated

**Base:** Nylon 66 UL94V-0

**All materials must be RoHS compliant.**



200J5-xxxTV



200J6-xxxTV

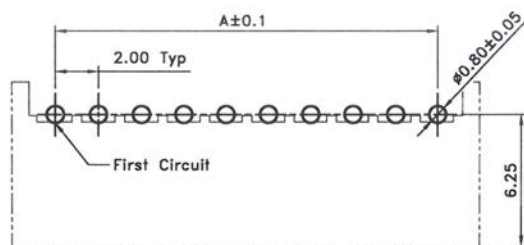
### ORDERING INFORMATION:

P/N 200  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{T}{3}$   $\frac{V}{4}$

1. TERMINAL TYPE:  
"J5" HOLDING CONSTRUCTION  
"J6" DIP LENGTH=2.7MM
2. NO. OF CONTACTS:  
002 ~ 016
3. CONTACT FINISH:  
"T" TIN PLATED
4. INSULATOR COLOR:  
"V" BEIGE

NOTE: MATES WITH 200JQ HOUSING

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (C7)



Recommended P.C. Board Layout

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.00	6.00	5.00
03	4.00	8.00	7.00
04	6.00	10.00	9.00
05	8.00	12.00	11.00
06	10.00	14.00	13.00
07	12.00	16.00	15.00
08	14.00	18.00	17.00
09	16.00	20.00	19.00
10	18.00	22.00	21.00
11	20.00	24.00	23.00
12	22.00	26.00	25.00
13	24.00	28.00	27.00
14	26.00	30.00	29.00
15	28.00	32.00	31.00
16	30.00	34.00	33.00

### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 2A AC/DC

**Withstanding Voltage:** 800V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

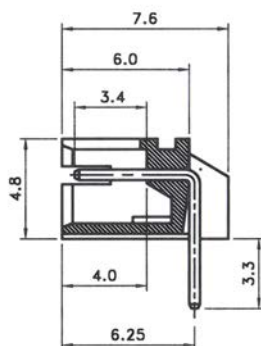
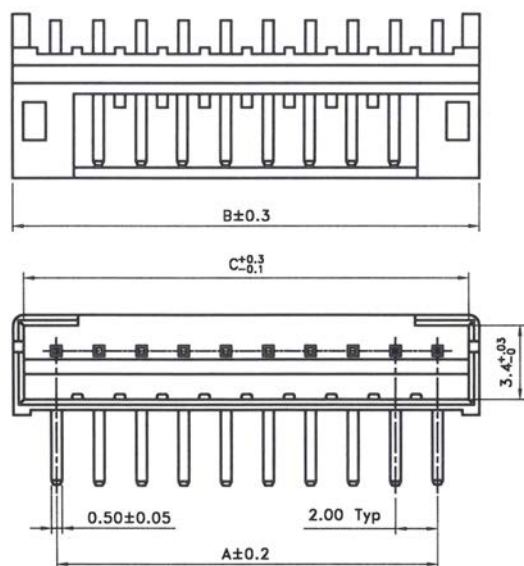
**Contact Resistance:** 20mΩ Max

### MATERIAL

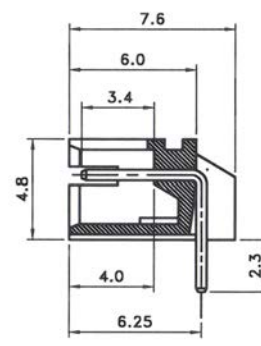
**Wafer:** Brass, Tin Plated

**Base:** Nylon 66 UL94V-0

**All materials must be RoHS compliant.**



200J7-xxxTV



200J8-xxxTV

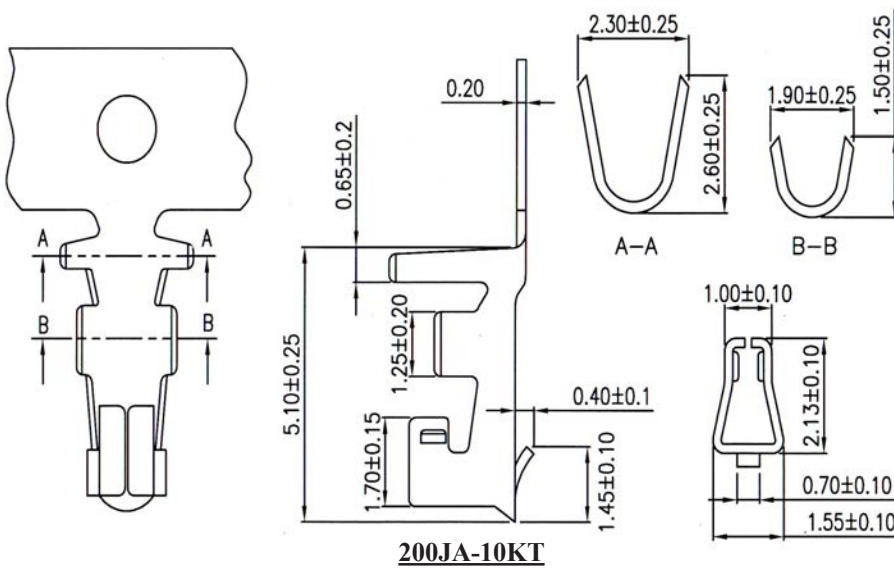
### ORDERING INFORMATION:

P/N 200  $\frac{xx}{1}$  -  $\frac{xxx}{2}$   $\frac{T}{3}$   $\frac{V}{4}$

1. TERMINAL TYPE:  
"J7" DIP LENGTH=3.3MM  
"J8" DIP LENGTH=2.3MM
2. NO. OF CONTACTS:  
002 ~ 016
3. CONTACT FINISH:  
"T" TIN PLATED
4. INSULATOR COLOR:  
"V" BEIGE

NOTE: MATES WITH 200JQ HOUSING

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (D1)



**200JA-10KT**

### TERMINAL

Accepts AWG# 24-28 Wire Range

Insulation O.D.: 1.40mm(max)

Material: Phosphor Bronze or Brass

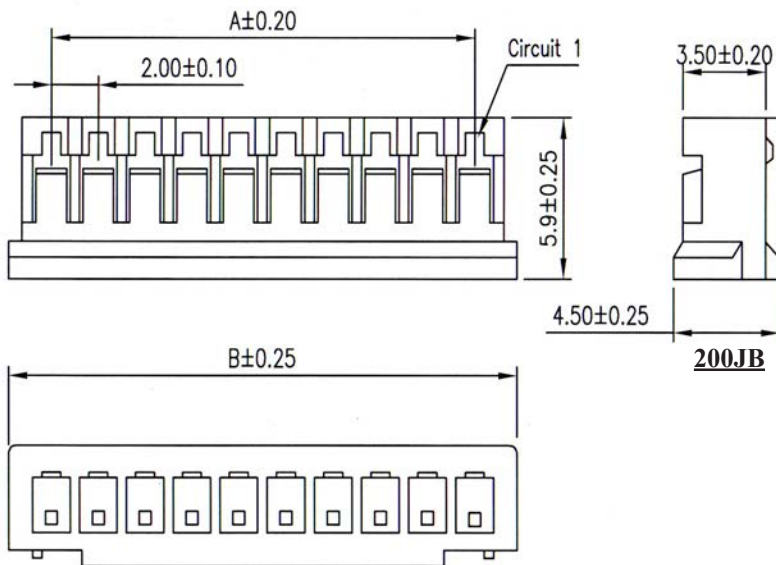
Finish: Tin Plated

Thickness: 0.2mm

### HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.



**200JB**

### 200JB

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	5.60
03	4.00	7.60
04	6.00	9.60
05	8.00	11.60
06	10.00	13.60
07	12.00	15.60
08	14.00	17.60
09	16.00	19.60
10	18.00	21.60
11	20.00	23.60
12	22.00	25.60
13	24.00	27.60
14	26.00	29.60
15	28.00	31.60

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

P/N 200JA-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 200JB HOUSING

#### HOUSING:

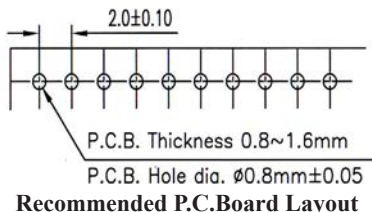
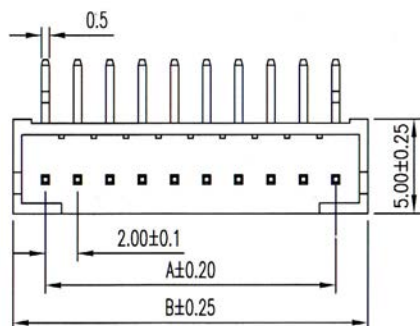
P/N 200JB - XXXHC  
I

1. NO. OF CONTACTS:

002 ~ 015

NOTE: ACCEPTS 200JA TERMINAL

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (D2)



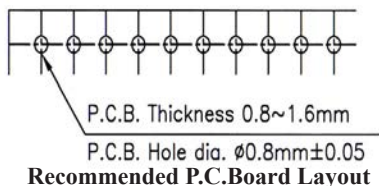
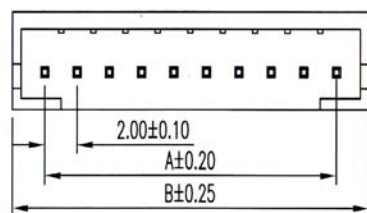
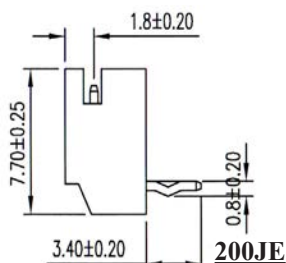
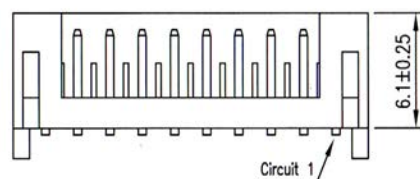
### WAFER

**Material:** Nylon 66, UL94V-0

0.5mm(0.020") Square Pin

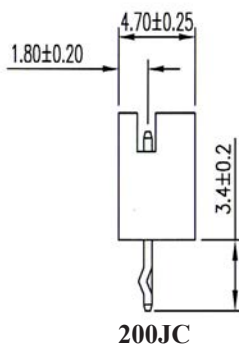
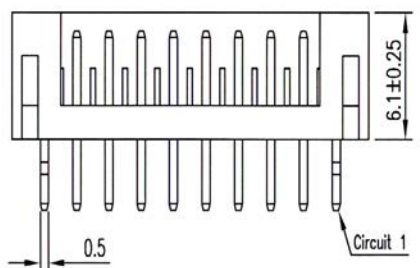
**PIN Material:** Brass/Tin Plated

All materials must be RoHS compliant.



### 200JE/200JC

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	6.00
03	4.00	8.00
04	6.00	10.00
05	8.00	12.00
06	10.00	14.00
07	12.00	16.00
08	14.00	18.00
09	16.00	20.00
10	18.00	22.00
11	20.00	24.00
12	22.00	26.00
13	24.00	28.00
14	26.00	30.00
15	28.00	32.00



### ORDERING INFORMATION:

P/N **200**  $\frac{xx}{1}$  -  $\frac{xxx}{2}$  T C

1. TERMINAL TYPE:

"JE" RIGHT ANGLE TYPE

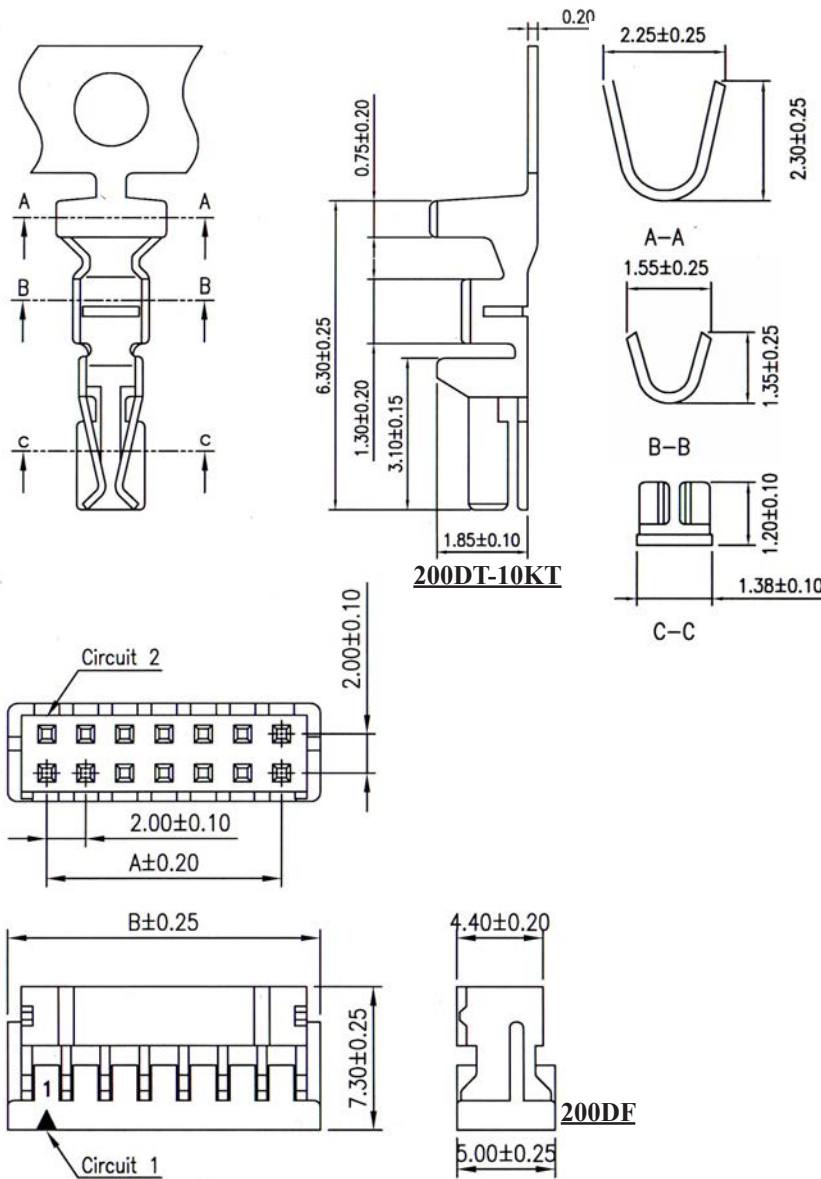
"JC" STRAIGHT TYPE WITH REVERSE KINK

2. NO. OF CONTACTS:

002 ~ 015

NOTE: MATES WITH 200JB HOUSING

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (E1)



### TERMINAL

Accepts AWG# 24-30 Wire Range

Insulation O.D.: 1.45mm(max)

Material: Phosphor Bronze

Finish: Tin Plated

Thickness: 0.20mm

### HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

### 200DF

No. of Contacts	Dimensions(mm)	
	A	B
04	2.00	6.00
06	4.00	8.00
08	6.00	10.00
10	8.00	12.00
12	10.00	14.00
14	12.00	16.00
16	14.00	18.00
18	16.00	20.00
20	18.00	22.00
22	20.00	24.00
24	22.00	26.00
26	24.00	28.00
28	26.00	30.00
30	28.00	32.00
32	30.00	34.00
40	38.00	42.00

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

P/N 200DT-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 200DF HOUSING

#### HOUSING:

P/N 200DF -  $\frac{X \ X \ X}{1} \ H \ \frac{X}{2}$

1. NO. OF CONTACTS:

004 ~ 040

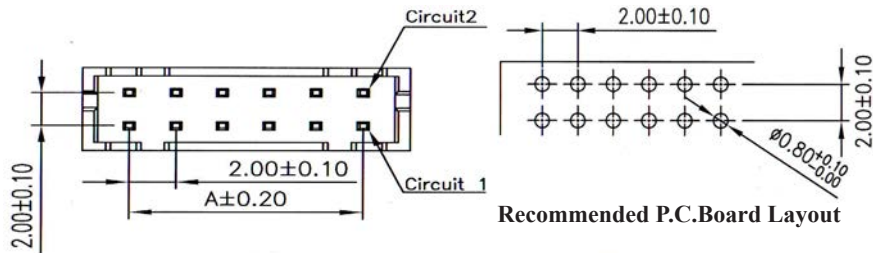
2. INSULATOR COLOR:

"B" BLACK

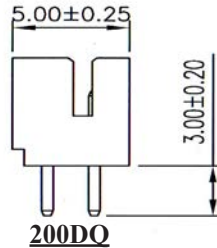
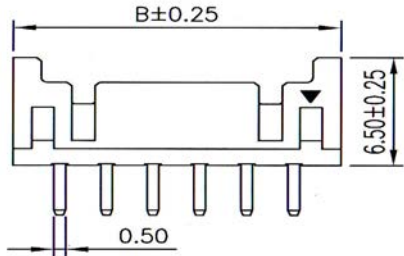
"W" WHITE

NOTE: ACCEPTS 200DT TERMINAL

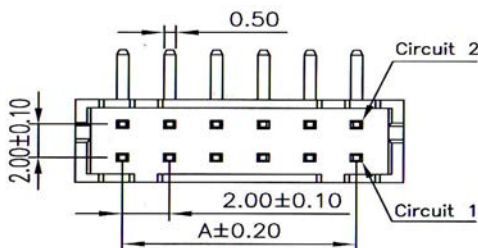
## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (E2)



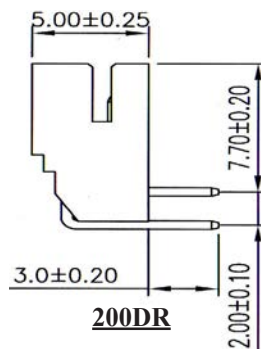
Recommended P.C.Board Layout



**200DQ**



Recommended P.C.Board Layout



**200DR**

### SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

### MATERIALS

Insulator: Polyester, UL94V-0

Nylon 66

Contacts: Copper Alloy

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
04	2.00	6.00
06	4.00	8.00
08	6.00	10.00
10	8.00	12.00
12	10.00	14.00
14	12.00	16.00
16	14.00	18.00
19	16.00	20.00
20	18.00	22.00
22	20.00	24.00
24	22.00	26.00
26	24.00	28.00
28	26.00	30.00
30	28.00	32.00
32	30.00	34.00
34	32.00	36.00
36	34.00	38.00
38	36.00	40.00
40	38.00	42.00

### ORDERING INFORMATION:

P/N **200**  $\frac{XX}{1}$  -  $\frac{XXX}{2}$  T  $\frac{X}{3}$

1. TERMINAL TYPE:

"DQ" STRAIGHT TYPE

"DR" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

004 ~ 040

3. INSULATOR COLOR:

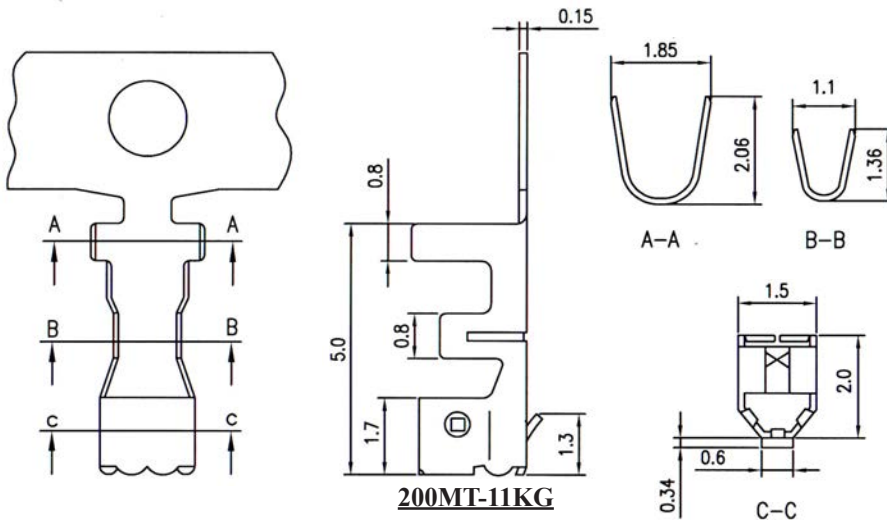
"B" BLACK

"W" WHITE (STANDARD)

NOTE: MATES WITH 200DF HOUSING

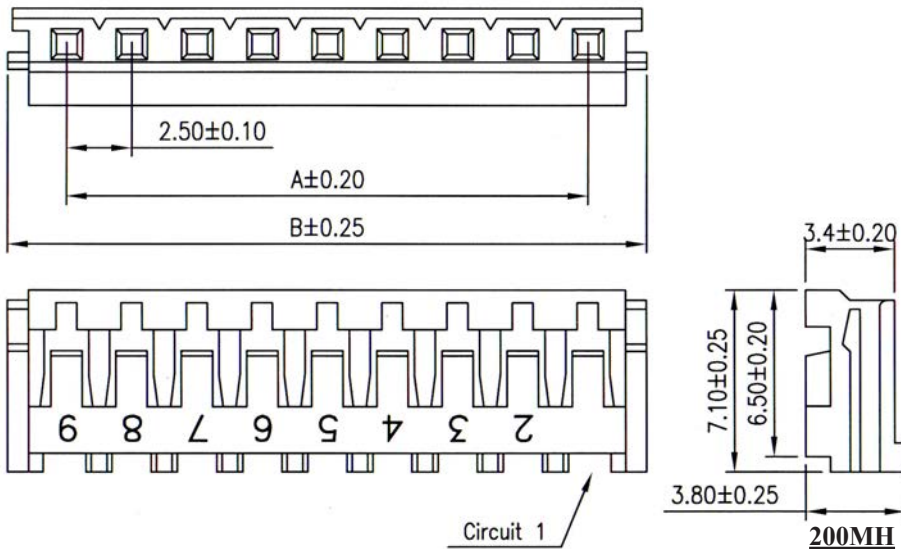


## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (F1)



**TERMINAL**  
 Accepts AWG# 24-30 Wire Range  
 Insulation O.D.: 1.40mm(max)  
 Material: Phosphor Bronze  
 Finish: Gold Plated  
 Thickness: 0.15mm

**HOUSING**  
 Insulator: Nylon 66, UL94V-0  
 All materials must be RoHS compliant.



### 200MH

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.00
03	5.00	9.50
04	7.50	12.00
05	10.00	14.50
06	12.50	17.00
07	15.00	19.50
08	17.50	22.00
09	20.00	24.50
10	22.50	27.00
11	25.00	29.50
12	27.50	32.00
13	30.00	34.50
14	32.50	37.00
15	35.00	39.50

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

P/N 200MT-11KG

PU= 11.000PCS/REEL

NOTE: ACCEPTS 200MH HOUSING

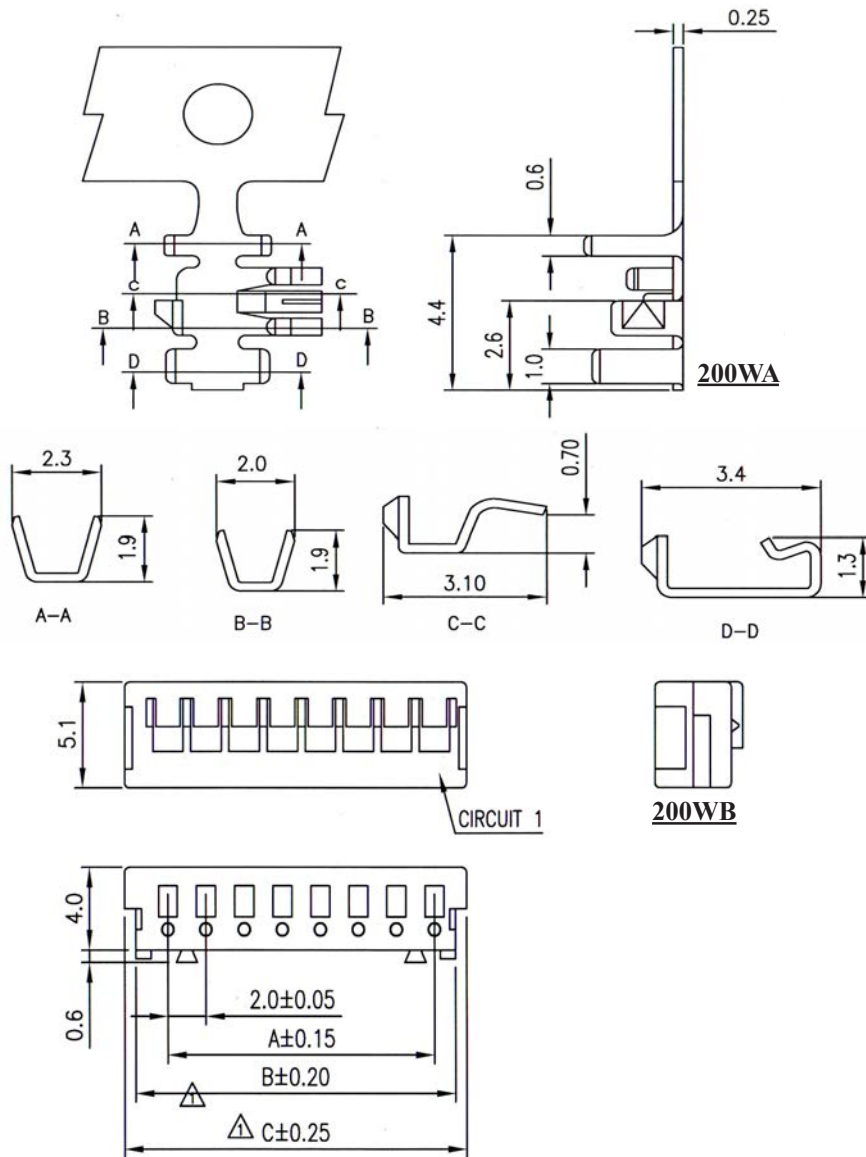
#### HOUSING:

P/N 200MH -  $\frac{x}{T}x$ HV

1. NO. OF CONTACTS:  
002 ~ 015

NOTE: ACCEPTS 200MT TERMINAL

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (G1)



### TERMINAL

Accepts AWG# 22-26 Wire Range

Insulation O.D.: 1.40mm(max)

Material: Phosphor Bronze

Finish: Tin Plated or Gold Plated

Thickness: 0.25mm

### HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

### 200WB

No. of Contacts	Dimensions(mm)		
	A	B	C
02	2.00	4.80	6.00
03	4.00	6.80	8.00
04	6.00	8.80	10.00
05	8.00	10.80	12.00
06	10.00	12.80	14.00
07	12.00	14.80	16.00
08	14.00	16.80	18.00
09	16.00	18.80	20.00
10	18.00	20.80	22.00
11	20.00	22.80	24.00
12	22.00	24.80	26.00
13	24.00	26.80	28.00
14	26.00	28.80	30.00
15	28.00	30.80	32.00

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

P/N 200WA-15K<sub>x</sub><sub>T</sub>

- CONTACT FINISH:  
"G" FULL GOLD PLATED  
"T" FULL TIN PLATED  
PU = 15.000PCS/REEL

NOTE: ACCEPTS 200WB HOUSING

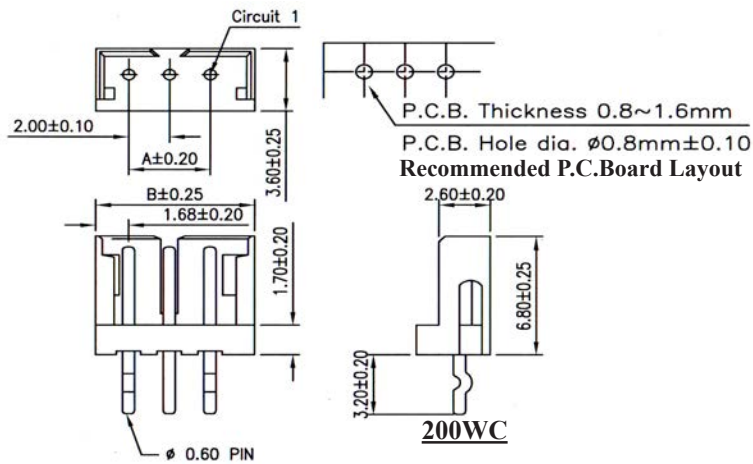
#### HOUSING:

P/N 200WB-x<sub>x</sub><sub>x</sub>H<sub>T</sub>

- NO. OF CONTACTS:  
002 ~ 015

NOTE: ACCEPTS 200WA TERMINAL

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (G2)



### WAFER

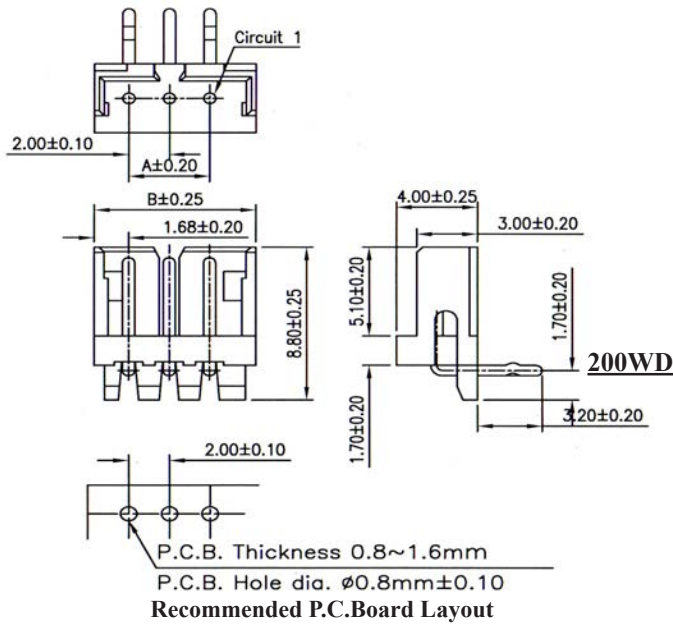
Material: Nylon 66, UL94V-0

0.6mm(0.024") Round Pin

Insulator Resistance: 1000 MΩ min.

PIN Material: Brass/Tin Plated

All materials must be RoHS compliant.



### 200WC/200WD

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	5.96
03	4.00	7.96
04	6.00	7.96
05	8.00	11.96
06	10.00	13.96
07	12.00	15.96
08	14.00	17.96
09	16.00	19.96
10	18.00	21.96
11	20.00	23.96
12	22.00	25.96

### ORDERING INFORMATION:

P/N 200  $\frac{xx}{1}$  -  $\frac{xxx}{2}$  TV

1. TERMINAL TYPE:

"WC" STRAIGHT TYPE

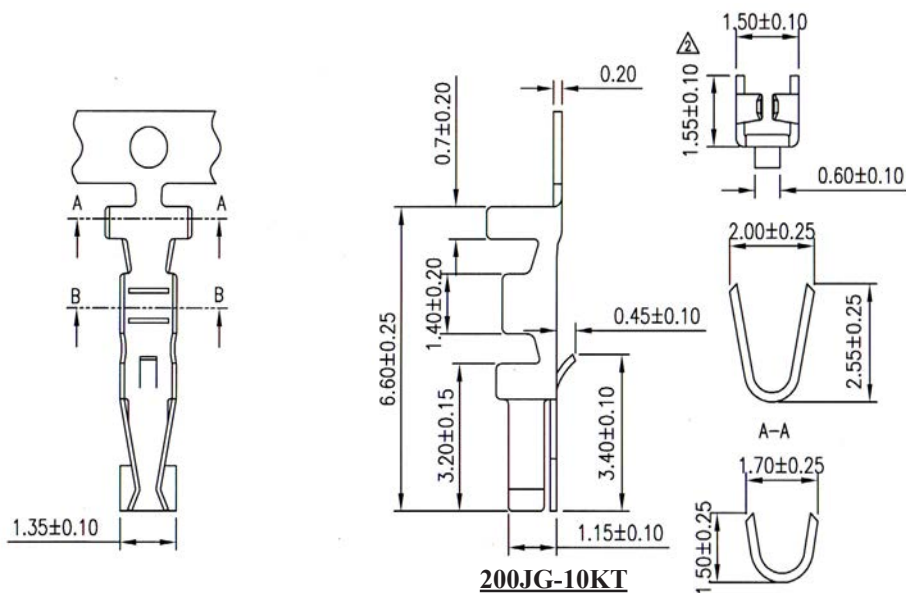
"WD" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 ~ 015

NOTE: MATES WITH 200WB HOUSING

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (H1)



**200JG-10KT**

### TERMINAL

Accepts AWG# 24-28 Wire Range

Insulation O.D.: 1.60mm(max)

Material: Phosphor Bronze

Finish: Tin Plated

Thickness: 0.20mm

### HOUSING

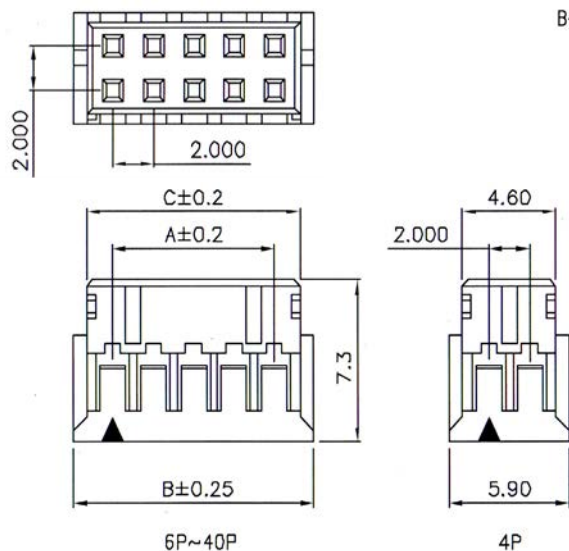
Insulator: Nylon 66, UL94V-0

Color: White

All materials must be RoHS compliant.

### 200JH

No. of Contacts	Dimensions(mm)		
	A	B	C
04	2.00	5.90	4.60
06	4.00	7.90	6.60
08	6.00	9.90	8.60
10	8.00	11.90	10.60
12	10.00	13.90	12.60
14	12.00	15.90	14.60
16	14.00	17.90	16.60
18	16.00	19.90	18.60
20	18.00	21.90	20.60
22	20.00	23.90	22.60
24	22.00	25.90	24.60
26	24.00	27.90	26.60
28	26.00	29.90	28.60
30	28.00	31.90	30.60
32	30.00	33.90	32.60
34	32.00	35.90	34.60
36	34.00	37.90	36.60
38	36.00	39.90	38.60
40	38.00	41.90	40.60



**200JH**

6P~40P

4P

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

P/N 200JG-10KT

PU = 10.000PCS/REEL

NOET: ACCEPTS 200JH HOUSING

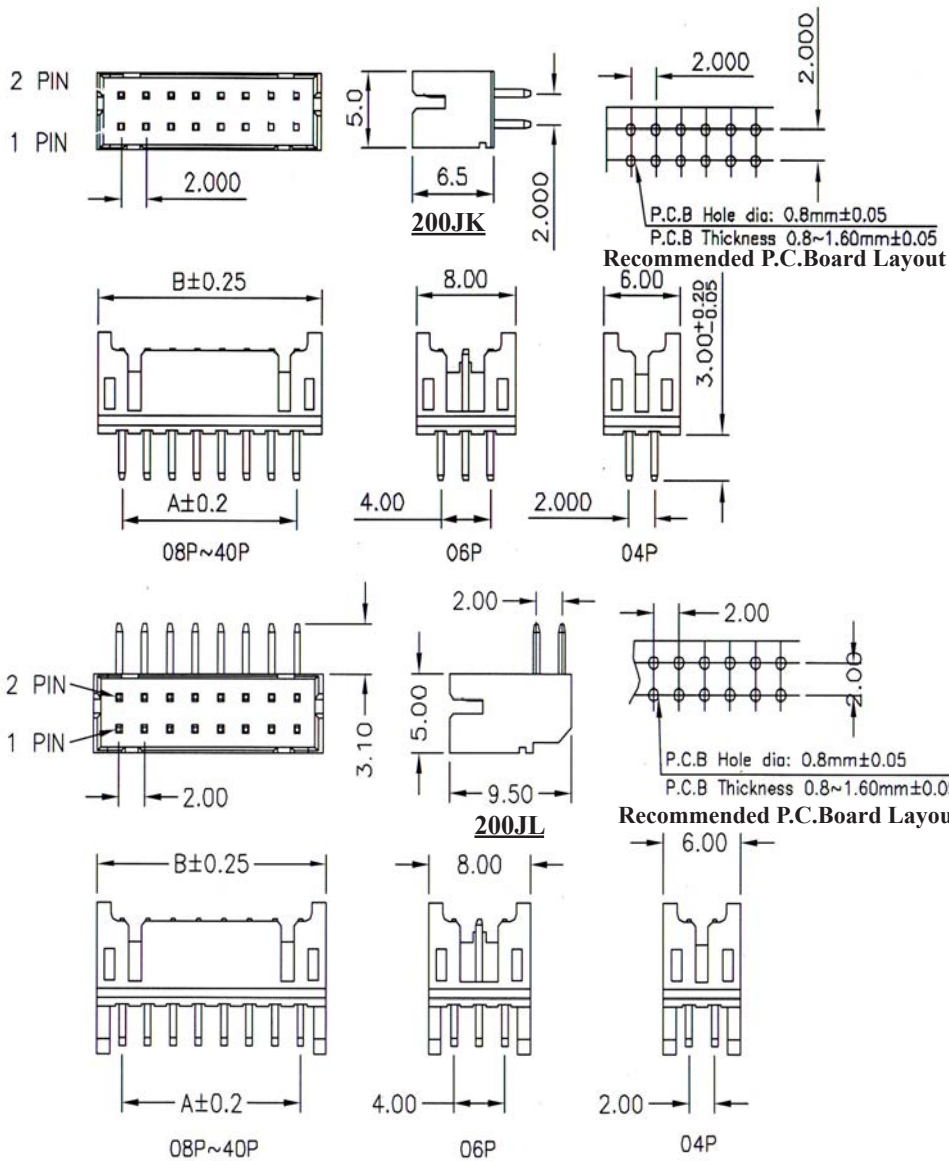
#### HOUSING:

P/N 200JH -  $\frac{x \times x}{1}$  HV

1. NO. OF CONTACTS:  
002 ~ 040

NOTE: ACCEPTS 200JG TERMINAL

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (H2)



### WAFER

Material: Nylon 66, UL94V-0

0.50mm(0.020") Tin Plated Square Pin

Contact Material: Brass

Finish: Tin Plated or Gold Plated

All materials must be RoHS compliant.

### 200JK/200JL

No. of Contacts	Dimensions(mm)	
	A	B
04	2.00	6.00
06	4.00	8.00
08	6.00	10.00
10	8.00	12.00
12	10.00	14.00
14	12.00	16.00
16	14.00	18.00
18	16.00	20.00
20	18.00	22.00
22	20.00	24.00
24	22.00	26.00
26	24.00	28.00
28	26.00	30.00
30	28.00	32.00
32	30.00	34.00
34	32.00	36.00
36	34.00	38.00
38	36.00	40.00
40	38.00	42.00

### ORDERING INFORMATION:

P/N **200**  $\frac{\text{xx}}{1} - \frac{\text{xxx}}{2}$  TV

1. TERMINAL TYPE:

"JK" STRAIGHT

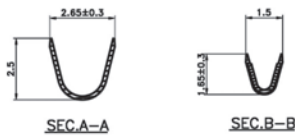
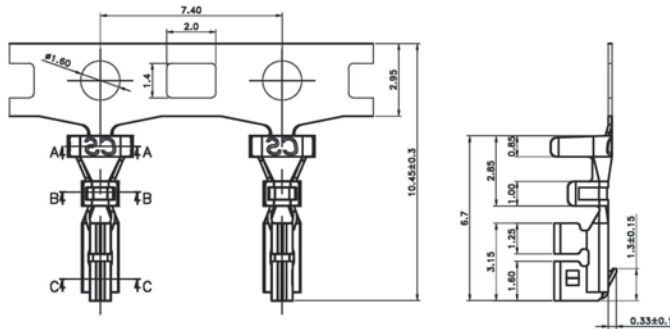
"JL" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

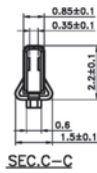
004 ~ 040

NOTE: MATES WITH 200JH HOUSING

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (J1)



**20A02-10KT**



SEC.C-C

### TERMINAL

**Current Rating:** 22AWG 3.0A AC/DC  
24AWG 2.5A AC/DC  
26AWG 2.5A AC/DC  
28AWG 2.0A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 20mΩ Max

**Applicable Wires:** AWG#22~28

**Thickness:** 0.15mm

### HOUSING

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

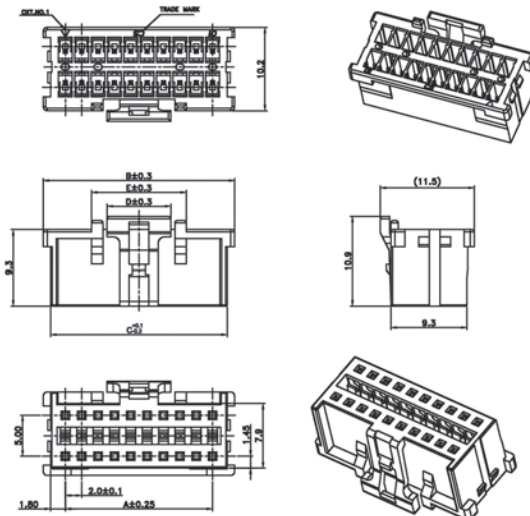
**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +80°C

**Contact Resistance:** 20mΩ Max

**Material:** Nylon 66 UL94V-0, White

**All materials must be RoHS compliant.**



**20A01-xxxHW**

NO. OF CONTACTS	DIMENSIONS(MM)				
	A	B	C	D	E
08	6.00	11.40	9.60	4.70	8.40
10	8.00	13.40	11.60	4.70	8.40
12	10.00	15.40	13.60	7.80	11.60
14	12.00	17.40	15.60	7.80	11.60
16	14.00	19.40	17.60	7.80	11.60
18	16.00	21.40	19.60	7.80	11.60
20	18.00	23.40	21.60	7.80	11.60
22	20.00	25.40	23.60	7.80	11.60
24	22.00	27.40	25.60	7.80	11.60
26	24.00	29.40	27.60	7.80	11.60
28	26.00	31.40	29.60	7.80	11.60
30	28.00	33.40	31.60	7.80	11.60
32	30.00	35.40	33.60	7.80	11.60
34	32.00	37.40	35.60	7.80	11.60
36	34.00	39.40	37.60	7.80	11.60
38	36.00	41.40	39.60	7.80	11.60
40	38.00	43.40	41.60	7.80	11.60

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 20A02-10KT**

PU= 10,000PCS/REEL

NOTE: ACCEPTS 20A01 HOUSING

#### HOUSING:

**P/N 20A01 -  $\frac{x}{1} \frac{x}{1} \frac{H}{1} \frac{W}{2}$**

1. NO. OF CONTACTS:

008 ~ 040

2. INSULATOR COLOR:

"W" WHITE

NOTE: ACCEPTS 20A02 TERMINAL

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (J2)

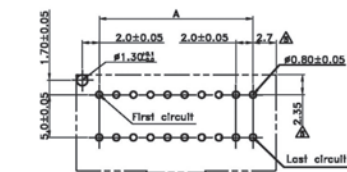
NO. OF CONTACTS	DIMENSIONS(MM)			NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C		A	B	C
08	6.00	11.40	9.80	26	24.00	29.40	27.80
10	8.00	13.40	11.80	28	26.00	31.40	29.80
12	10.00	15.40	13.80	30	28.00	33.40	31.80
14	12.00	17.40	15.80	32	30.00	35.40	33.80
16	14.00	19.40	17.80	34	32.00	37.40	35.80
18	16.00	21.40	19.80	36	34.00	39.40	37.80
20	18.00	23.40	21.80	38	36.00	41.40	39.80
22	20.00	25.40	23.80	40	38.00	43.40	41.80
24	22.00	27.40	25.80				

### SPECIFICATIONS

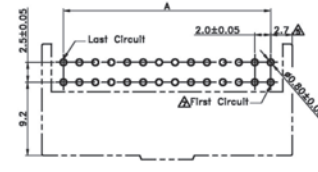
**Current Rating:** 3A AC/DC (22#AWG)  
**Withstanding Voltage:** 1000V AC/Minute  
**Insulation Resistance:** 1000MΩ Min.  
**Temperature Range:** -25°C to +85°C  
**Contact Resistance:** 20mΩ Max

### MATERIAL

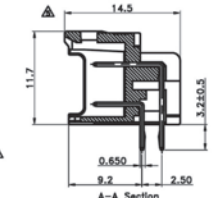
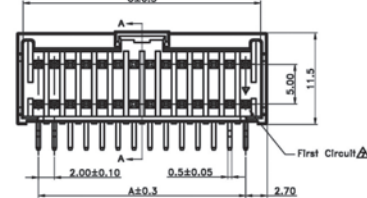
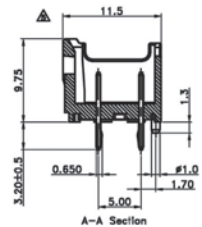
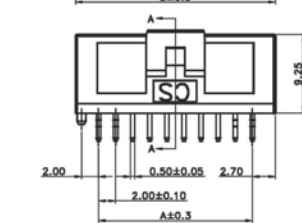
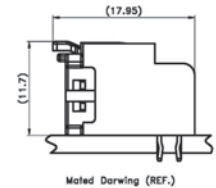
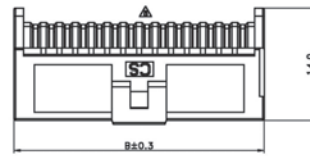
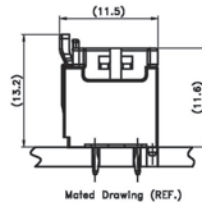
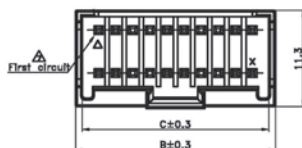
**Pin:** Brass, Tin Plated  
**Base:** PBT (G.F.: 15%) UL94V-0  
**All materials must be RoHS compliant.**



Recommended P.C. Board Layout  
(Top View)



Recommended P.C. Board Layout  
(Top View)



20A03-xxxTW

20A04-xxxTW

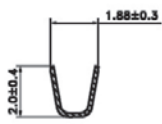
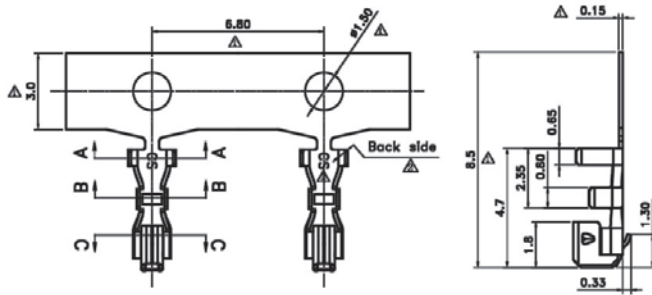
### ORDERING INFORMATION:

P/N 20 xxx - xxx T W

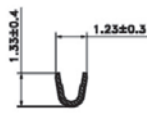
1. TERMINAL TYPE:  
 "A03" STRAIGHT TYPE  
 "A04" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
 008 ~ 040
3. INSULATOR COLOR:  
 "W" WHITE

NOTE: MATES WITH 20A02 HOUSING

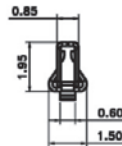
## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (K1)



SECTION A-A

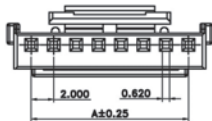
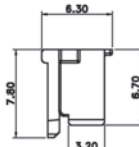
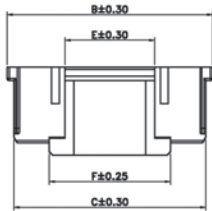
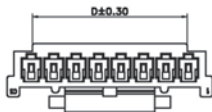


SECTION B-B



SECTION C-C

**20A12-010KT**



**20A11-xxxHW**

### TERMINAL

**Voltage Rating:** 125V AC/DC

**Current Rating:** 24AWG 2.0A AC/DC

26AWG 1.5A AC/DC

27AWG 1.0A AC/DC

30AWG 0.5A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 30mΩ Max

**Applicable Wires:** AWG#24~30

**Thickness:** 0.15mm

**Material:** Phosphor Bronze, Tin Plated

### HOUSING

**Voltage Rating:** 125V AC/DC

**Current Rating:** 2A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -40°C to +105°C

**Contact Resistance:** 20mΩ Max

**Material:** PA66 UL94V-0, White

**All materials must be RoHS compliant.**

NO. OF CONTACTS	DIMENSIONS(MM)					
	A	B	C	D	E	F
4	6.00	10.30	9.10	5.80	4.00	6.40
5	8.00	12.30	11.10	7.80	4.00	6.40
6	10.00	14.30	13.10	9.80	4.00	6.40
7	12.00	16.30	15.10	11.80	4.00	6.40
8	14.00	18.30	17.10	13.80	8.00	10.80
9	16.00	20.30	19.10	15.80	8.00	10.80
10	18.00	22.30	21.10	17.80	8.00	10.80
11	20.00	24.30	23.10	19.80	8.00	10.80
12	22.00	26.30	25.10	21.80	8.00	10.80
13	24.00	28.30	27.10	23.80	8.00	10.80
14	26.00	30.30	29.10	25.80	8.00	10.80
15	28.00	32.30	31.10	27.80	8.00	10.80
16	30.00	34.30	33.10	29.80	8.00	10.80
17	32.00	36.30	35.10	31.80	8.00	10.80
18	34.00	38.30	37.10	33.80	8.00	10.80
19	36.00	40.30	39.10	35.80	8.00	10.80
20	38.00	42.30	41.10	37.80	8.00	10.80

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 20A12-10KT**

PU= 10,000PCS/REEL

NOTE: ACCEPTS 20A11 HOUSING

#### HOUSING:

**P/N 20A11- $\frac{xxx}{1}$ H $\frac{W}{2}$**

1. NO. OF CONTACTS:

004 ~ 020

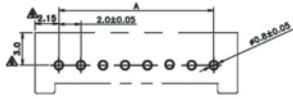
2. INSULATOR COLOR:

"W" WHITE

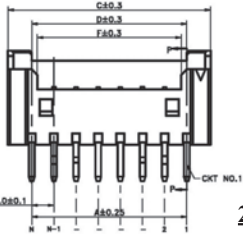
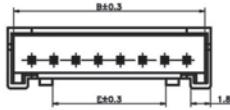
NOTE: ACCEPTS 20A12 TERMINAL



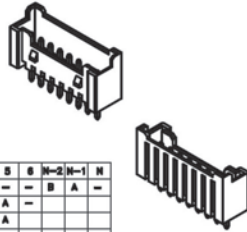
## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (K2)



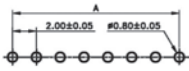
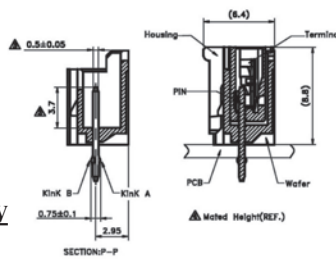
Recommended P.C.Board Layout



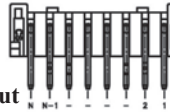
Poles	PIN No	1	2	3	4	5	6	N-2	N-1	H
6 PIN Over		A	B	-	-	-	-	B	A	-
6 PIN		A	B	B	A	-	-	-	-	-
5 PIN		A	B	-	B	A	-	-	-	-
4 PIN		A	B	B	A	-	-	-	-	-



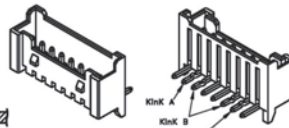
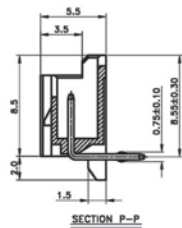
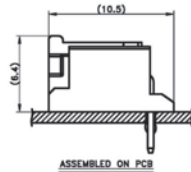
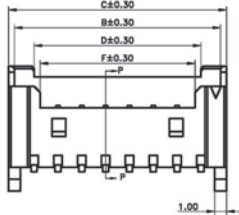
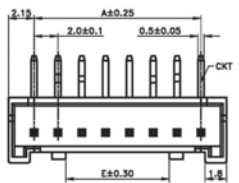
**20A13-xxxTW**



Recommended P.C.Board Layout



Poles	PIN No	1	2	3	4	5	6	N-2	N-1	H
6 PIN Over		A	B	-	-	-	-	B	A	-
6 PIN		A	B	B	A	-	-	-	-	-
5 PIN		A	B	-	B	A	-	-	-	-
4 PIN		A	B	B	A	-	-	-	-	-



**20A14-xxxTW**

**20A15-xxxTW**

NO. OF CONTACTS	DIMENSIONS(MM)					
	A	B	C	D	E	F
4	6.00	9.30	10.30	6.00	4.25	6.70
5	8.00	11.30	12.30	8.00	4.25	7.00
6	10.00	13.30	14.30	10.00	4.25	7.00
7	12.00	15.30	16.30	12.00	4.25	7.00
8	14.00	17.30	18.30	14.00	8.25	11.00
9	16.00	19.30	20.30	16.00	8.25	11.00
10	18.00	21.30	22.30	18.00	8.25	11.00
11	20.00	23.30	24.30	20.00	8.25	11.00
12	22.00	25.30	26.30	22.00	8.25	11.00
13	24.00	27.30	28.30	24.00	8.25	11.00
14	26.00	29.30	30.30	26.00	8.25	11.00
15	28.00	31.30	32.30	28.00	8.25	11.00
16	30.00	33.30	34.30	30.00	8.25	11.00
17	32.00	35.30	36.30	32.00	8.25	11.00
18	34.00	37.30	38.30	34.00	8.25	11.00
19	36.00	39.30	40.30	36.00	8.25	11.00
20	38.00	41.30	42.30	38.00	8.25	11.00

### ORDERING INFORMATION:

P/N 20 xxx - xxx T W

1. TERMINAL TYPE:  
"A13" STRAIGHT TYPE  
"A14" RIGHT ANGLE TYPE DIP LENGTH=3.2MM  
"A15" RIGHT ANGLE TYPE DIP LENGTH=2.5MM
2. NO. OF CONTACTS:  
004 ~ 020
3. INSULATOR COLOR:  
"W" WHITE

NOTE: MATES WITH 20A11 HOUSING

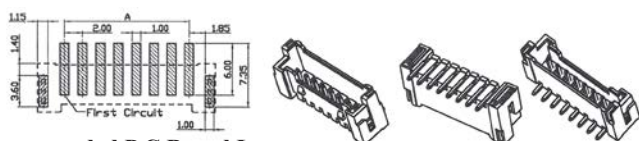
### SPECIFICATIONS

- Current Rating: 2A AC/DC
- Withstanding Voltage: 1000V AC/Minute
- Insulation Resistance: 1000MΩ Min.
- Temperature Range: -40°C to +105°C
- Contact Resistance: 20mΩ Max

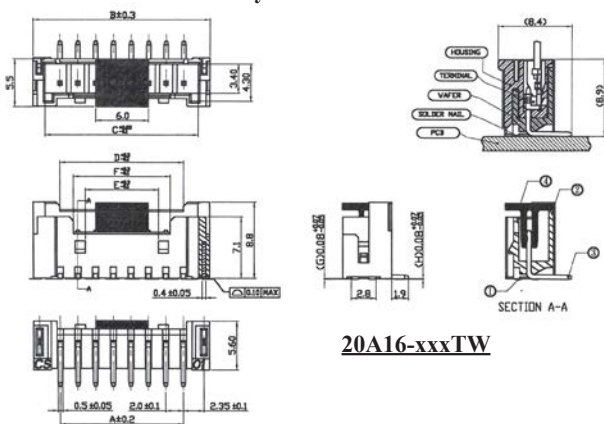
### MATERIAL

- Contact: Brass, Tin Plated
- Base: Nylon PA66 UL94V-0
- All materials must be RoHS compliant.

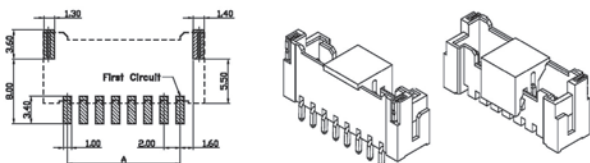
## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (K3)



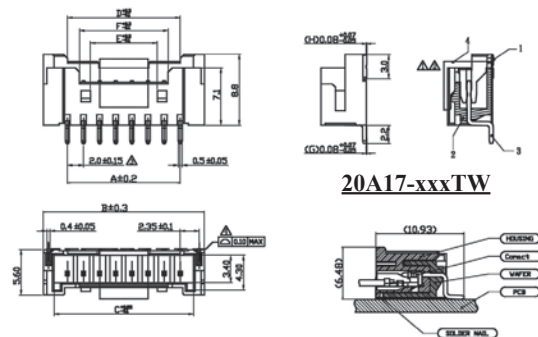
**Recommended P.C.Board Layout**



**20A16-xxxTW**



**Recommended P.C.Board Layout**



**20A17-xxxTW**

### SPECIFICATIONS

**Current Rating:** 2A AC/DC  
**Withstanding Voltage:** 1000V AC/Minute  
**Insulation Resistance:** 1000MΩ Min.  
**Temperature Range:** -40°C to +105°C  
**Contact Resistance:** 20mΩ Max

### MATERIAL

**Solder Nail:** Brass, 80u" Min. Matte Tin  
 Over 30u" Min. Nickel  
**Base:** High Temperature  
**Pin:** Brass, 120u" Min. Matte Tin  
 Nickel 30u" Under All Over  
**Cap:** PA9T UL94V-0  
**All materials must be RoHS compliant.**

NO. OF CONTACTS	DIMENSIONS(MM)					
	A	B	C	D	E	F
4	6.00	12.00	9.30	6.00	4.30	7.00
5	8.00	14.00	11.30	8.00	4.30	7.00
6	10.00	16.00	13.30	10.00	4.30	7.00
7	12.00	18.00	15.30	12.00	4.30	7.00
8	14.00	20.00	17.30	14.00	8.30	11.00
9	16.00	22.00	19.30	16.00	8.30	11.00
10	18.00	24.00	21.30	18.00	8.30	11.00
11	20.00	26.00	23.30	20.00	8.30	11.00
12	22.00	28.00	25.30	22.00	8.30	11.00
13	24.00	30.00	27.30	24.00	8.30	11.00
14	26.00	32.00	29.30	26.00	8.30	11.00
15	28.00	34.00	31.30	28.00	8.30	11.00
16	30.00	36.00	33.30	30.00	8.30	11.00
17	32.00	38.00	35.30	32.00	8.30	11.00
18	34.00	40.00	37.30	34.00	8.30	11.00
19	36.00	42.00	39.30	36.00	8.30	11.00
20	38.00	44.00	41.30	38.00	8.30	11.00

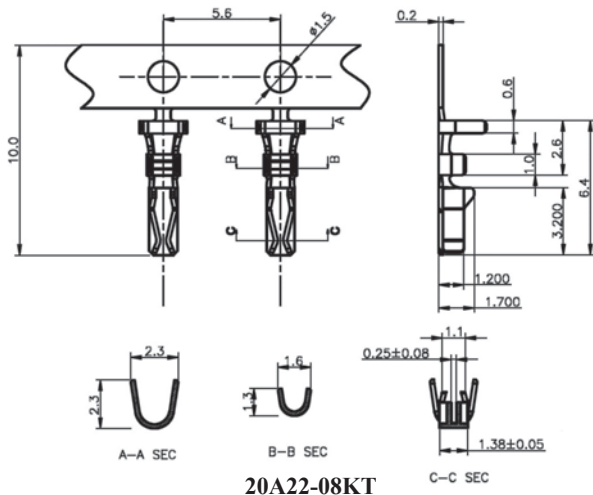
### ORDERING INFORMATION:

P/N 20  $\frac{xxx}{1}$  -  $\frac{xxx}{2}$  TW -  $\frac{x}{3}$   $\frac{x}{4}$

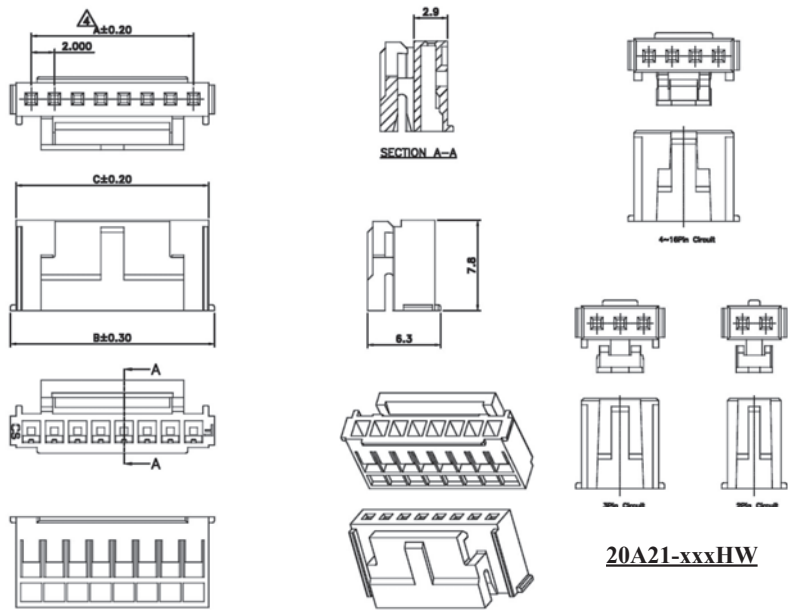
1. TERMINAL TYPE:  
 "A16" STRAIGHT SMT TYPE  
 "A17" RIGHT ANGLE SMT TYPE
2. NO. OF CONTACTS:  
 004 ~ 020
3. INSULATOR COLOR:  
 "W" WHITE
4. PACKAGE TYPE:  
 "R" WITHOUT PAD IN TAPE & REEL (FOR 20A17)  
 "Q" WITH PAD IN TAPE & REEL (FOR 20A16)  
 "T" TUBE

NOTE: MATES WITH 20A11 HOUSING

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (L1)



**20A22-08KT**



**20A21-xxxHW**

### TERMINAL

**Voltage Rating:** 250V AC/DC  
**Current Rating:** 3A AC/DC  
**Withstanding Voltage:** 1000V AC/Minute  
**Insulation Resistance:** 1000MΩ Min.  
**Temperature Range:** -25°C to +85°C  
**Contact Resistance:** 30mΩ Max  
**Applicable Wires:** AWG#22~30  
**Material:** Phosphor Bronze, Tin Plated

### HOUSING

**Voltage Rating:** 250V AC/DC  
**Current Rating:** 3A AC/DC  
**Withstanding Voltage:** 1000V AC/Minute  
**Insulation Resistance:** 1000MΩ Min.  
**Temperature Range:** -25°C to +85°C  
**Contact Resistance:** 30mΩ Max  
**Material:** Nylon 66 UL94V-0  
**All materials must be RoHS compliant.**

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.00	5.60	4.60
03	4.00	7.60	6.60
04	6.00	9.60	8.60
05	8.00	11.60	10.60
06	10.00	13.60	12.60
07	12.00	15.60	14.60
08	14.00	17.60	16.60
09	16.00	19.60	18.60
10	18.00	21.60	20.60
11	20.00	23.60	22.60
12	22.00	25.60	24.60
13	24.00	27.60	26.60
14	26.00	29.60	28.60
15	28.00	31.60	30.60
16	30.00	33.60	32.60

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 20A22-08KT**

PU= 8,000PCS/REEL

NOTE: ACCEPTS 20A21 HOUSING

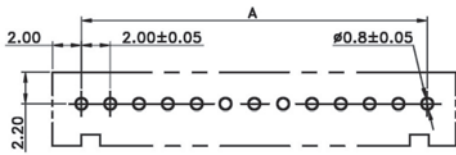
#### HOUSING:

**P/N 20A21 -  $\frac{X}{1} \frac{X}{1} \frac{H}{1} \frac{W}{2}$**

1. NO. OF CONTACTS:  
002 ~ 016
2. INSULATOR COLOR:  
"W" WHITE

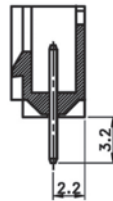
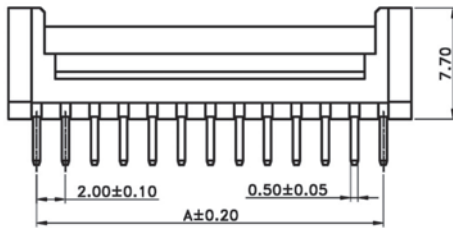
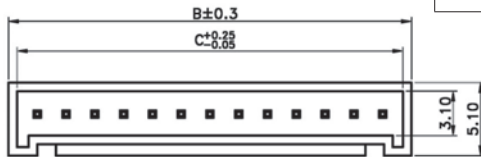
NOTE: ACCEPTS 20A22 TERMINAL

## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (L2)



Recommended P.C. Board Layout  
(Top View)

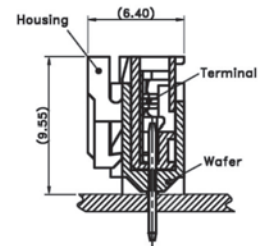
NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.00	6.00	4.75
03	4.00	8.00	6.75
04	6.00	10.00	8.75
05	8.00	12.00	10.75
06	10.00	14.00	12.75
07	12.00	16.00	14.75
08	14.00	18.00	16.75
09	16.00	20.00	18.75
10	18.00	22.00	20.75
11	20.00	24.00	22.75
12	22.00	26.00	24.75
13	24.00	28.00	26.75
14	26.00	30.00	28.75
15	28.00	32.00	30.75
16	30.00	34.00	32.75



20A23-xxxTW



20A24-xxxTW



### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 30mΩ Max

### MATERIAL

**Contact:** Brass, Tin or Mat-Tin Plated

**Base:** Nylon PA66 UL94V-0

**All materials must be RoHS compliant.**

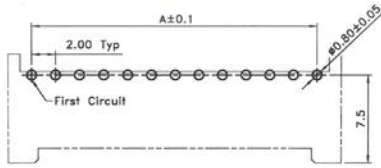
### ORDERING INFORMATION:

P/N 20 xxx - xxx T W  
1 2 3 4

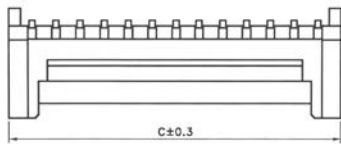
1. TERMINAL TYPE:  
"A23" DIP LENGTH=3.2MM  
"A24" DIP LENGTH=2.7MM
2. NO. OF CONTACTS:  
002 ~ 016
3. CONTACT FINISH:  
"T" TIN PLATED  
"MT" MATTE TIN PLATED
4. INSULATOR COLOR:  
"W" WHITE

NOTE: MATES WITH 20A21 HOUSING

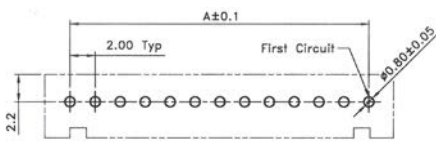
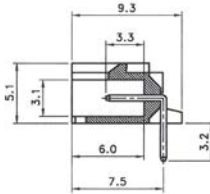
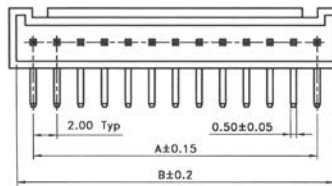
## 2.00MM(0.079") SPACING WIRE-TO-BOARD SYSTEM (L3)



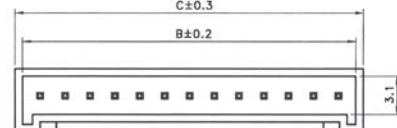
**Recommended P.C.Board Layout  
(Top View)**



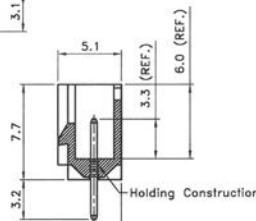
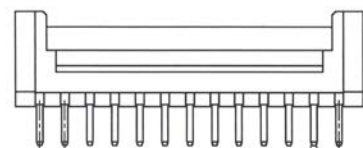
**20A25-xxxTW**



**Recommended P.C.Board Layout  
(Top View)**



**20A26-xxxTW**



### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 30mΩ Max

### MATERIAL

**Contact:** Brass, Tin Plated

**Base:** Nylon PA66 UL94V-0

**All materials must be RoHS compliant.**

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.00	4.75	6.00
03	4.00	6.75	8.00
04	6.00	8.75	10.00
05	8.00	10.75	12.00
06	10.00	12.75	14.00
07	12.00	14.75	16.00
08	14.00	16.75	18.00
09	16.00	18.75	20.00
10	18.00	20.75	22.00
11	20.00	22.75	24.00
12	22.00	24.75	26.00
13	24.00	26.75	28.00
14	26.00	28.75	30.00
15	28.00	30.75	32.00
16	30.00	32.75	34.00

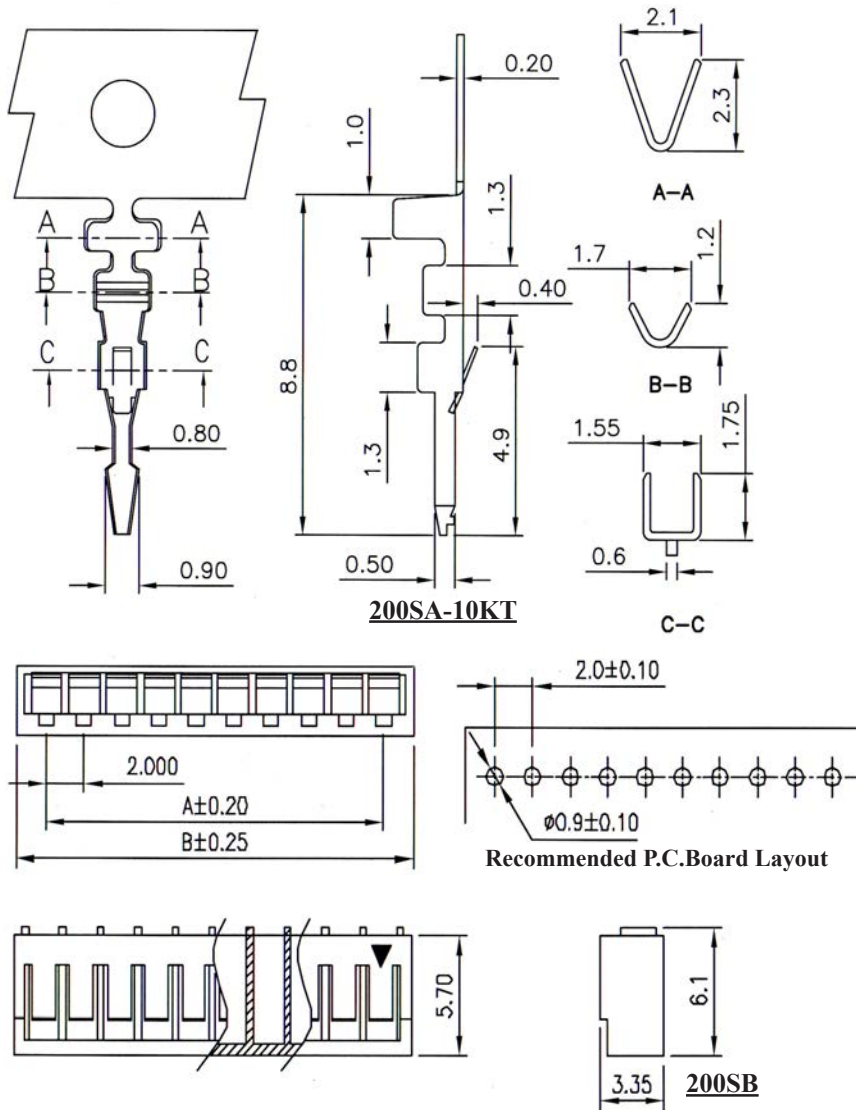
### ORDERING INFORMATION:

**P/N 20  $\frac{xxx}{1}$  -  $\frac{xxx}{2}$   $\frac{T}{3}$   $\frac{x}{4}$**

1. TERMINAL TYPE:  
"A25" RIGHT ANGLE DIP TYPE  
"A26" STRAIGHT TYPE WITH HOLDING
2. NO. OF CONTACTS:  
002 ~ 016
3. CONTACT FINISH:  
"T" TIN PLATED  
"MT" MATTE TIN PLATED
4. INSULATOR COLOR:  
"W" WHITE (STANDARD)  
"U" BLUE (FOR 20A25 ONLY)

NOTE: MATES WITH 20A21 HOUSING

## 2.00MM(0.079") SPACING BOARD-IN TYPE SYSTEM (1)



**TERMINAL**  
 Accepts AWG# 24-30 Wire Range  
 Insulation O.D.: 1.40mm(max)  
 Material: Phosphor Bronze/Brass  
 Finish: Tin Plated  
 Thickness: 0.20mm

**HOUSING**  
 Insulator: Nylon 66, UL94V-0  
 All materials must be RoHS compliant.

### 200SB

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	5.20
03	4.00	7.20
04	6.00	9.20
05	8.00	11.20
06	10.00	13.20
07	12.00	15.20
08	14.00	17.20
09	16.00	19.20
10	18.00	21.20
11	20.00	23.20
12	22.00	25.20
13	24.00	27.20
14	26.00	29.20
15	28.00	31.20
16	30.00	33.20

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 200SA-10KT**

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 200SB HOUSING

#### HOUSING:

**P/N 200SB -  $\frac{x}{1} \frac{x}{1} \frac{x}{2} H \frac{x}{2}$**

1. NO. OF CONTACTS:

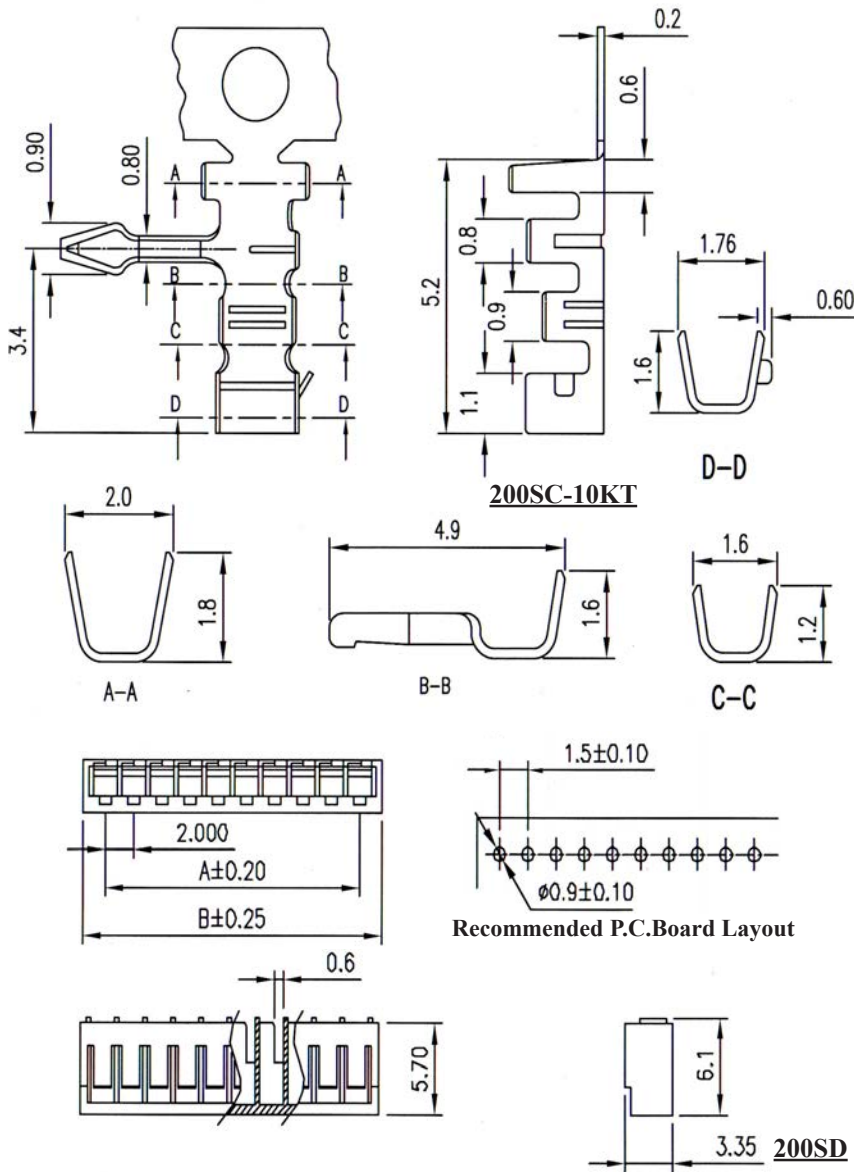
002 ~ 016

2. INSULATOR COLOR:

"V" IVORY (STANDARD)

NOTE: ACCEPTS 200SA TERMINAL

## 2.00MM(0.079") SPACING BOARD-IN TYPE SYSTEM (2)



### TERMINAL

Accepts AWG# 24-30 Wire Range

Insulation O.D.: 1.40mm(max)

Material: Phosphor Bronze/Brass

Finish: Tin Plated

Thickness: 0.20mm

### HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

### 200SD

No. of Contacts	Dimensions(mm)	
	A	B
02	2.00	5.20
03	4.00	7.20
04	6.00	9.20
05	8.00	11.20
06	10.00	13.20
07	12.00	15.20
08	14.00	17.20
09	16.00	19.20
10	18.00	21.20
11	20.00	23.20
12	22.00	25.20
13	24.00	27.20
14	26.00	29.20
15	28.00	31.20
16	30.00	33.20

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

P/N 200SC-10KT

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 200SD HOUSING

#### HOUSING:

P/N 200SD -  $\frac{X \times X \times H}{1} \frac{V}{2}$

1. NO. OF CONTACTS:

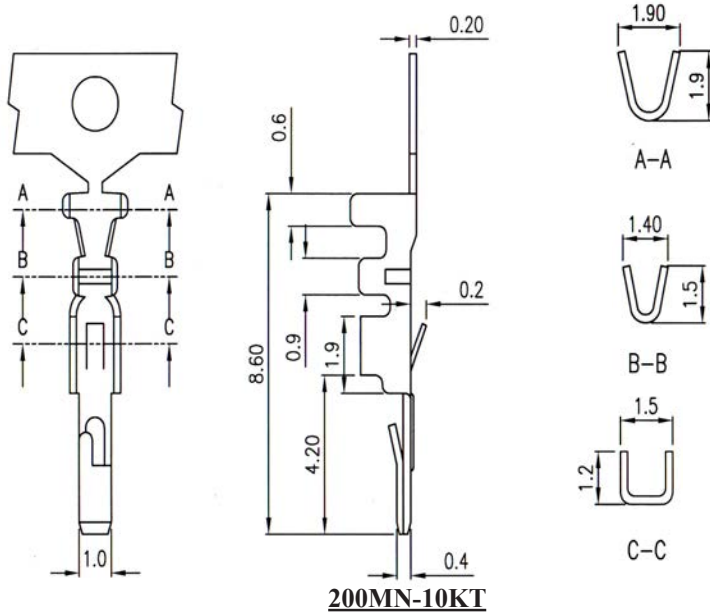
002 ~ 016

2. INSULATOR COLOR:

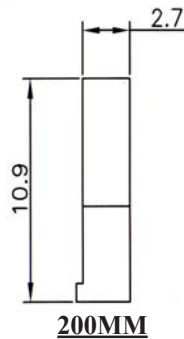
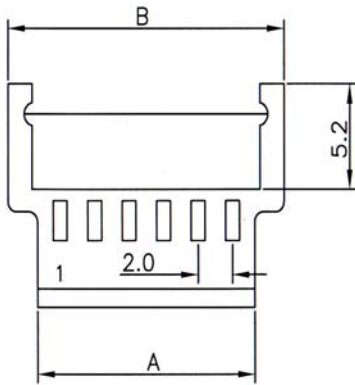
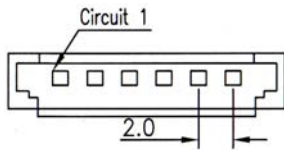
"V" IVORY

NOTE: ACCEPTS 200SC TERMINAL

## 2.00MM(0.079") SPACING WIRE-TO-WIRE SYSTEM (1)



**200MN-10KT**



**200MM**

### TERMINAL

Accepts AWG# 24-28 Wire Range

Insulation O.D.: 1.50mm(max)

Material: Phosphor Bronze/Brass

Finish: Tin Plated

Thickness: 0.20mm

### HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

### 200MM

No. of Contacts	Dimensions(mm)	
	A	B
02	4.60	6.60
03	6.60	8.60
04	8.60	10.60
05	10.60	12.60
06	12.60	14.60
07	14.60	16.60
08	16.60	18.60
09	18.60	20.60
10	20.60	22.60

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 200MN-10KT**

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 200MM HOUSING

#### HOUSING:

**P/N 200MM -  $\frac{x \times x \times H W}{I}$**

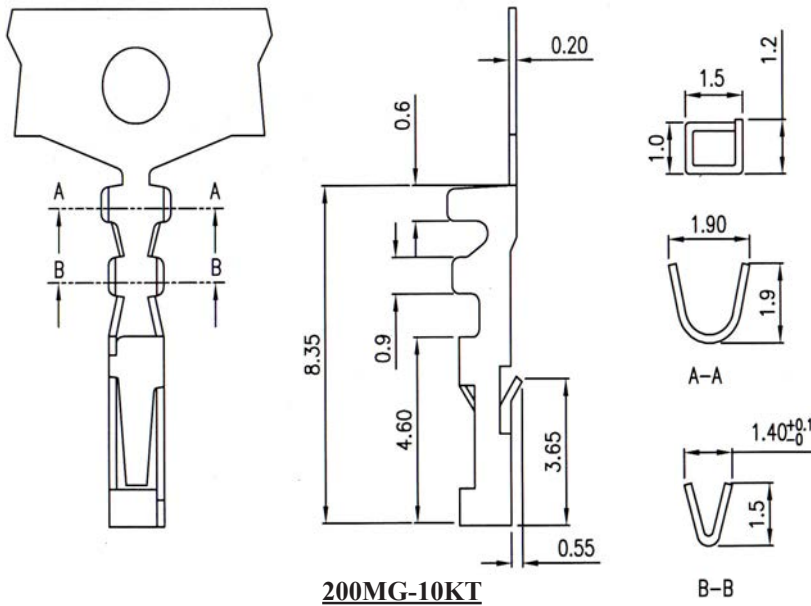
1. NO. OF CONTACTS:

002 ~ 010

NOTE: ACCEPTS 200MN TERMINAL & MATES WITH 200MF HOUSING



## 2.00MM(0.079") SPACING WIRE-TO-WIRE SYSTEM (2)



### TERMINAL

Accepts AWG# 24-28 Wire Range

Insulation O.D.: 1.50mm(max)

Material: Phosphor Bronze/Brass

Finish: Tin Plated

Thickness: 0.20mm

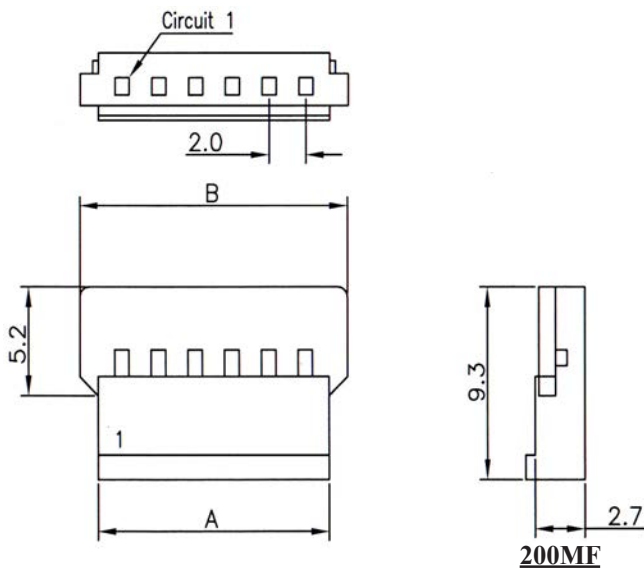
### HOUSING

Insulator: Nylon 66, UL94V-0

All materials must be RoHS compliant.

### 200MF

No. of Contacts	Dimensions(mm)	
	A	B
02	4.60	6.60
03	6.60	8.60
04	8.60	10.60
05	10.60	12.60
06	12.60	14.60
07	14.60	16.60
08	16.60	18.60
09	18.60	20.60
10	20.60	22.60



### ORDERING INFORMATION:

#### CRIMP TERMINAL:

P/N 200MG-10KT

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 200MF HOUSING

#### HOUSING:

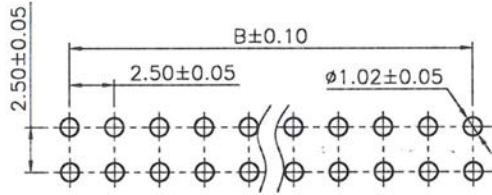
P/N 200MF -  $\frac{X \ X \ X}{I}$  H W

I. NO. OF CONTACTS:

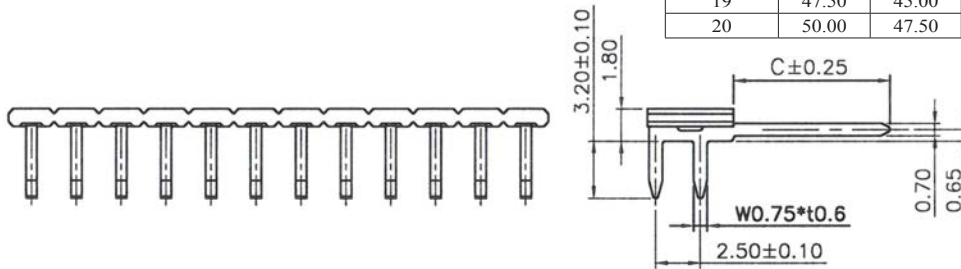
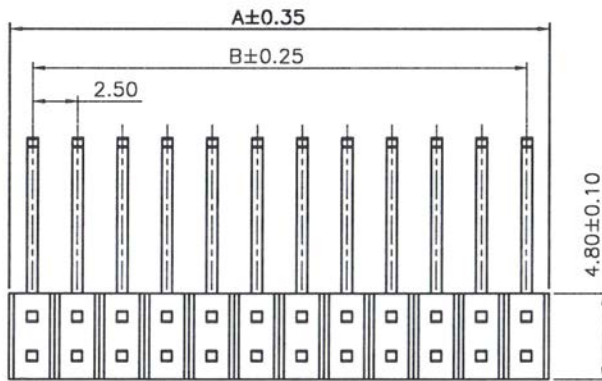
002 ~ 010

NOTE: ACCEPTS 200MG TERMINAL & MATES WITH 200MM HOUSING

## 2.50MM(0.098") PIN HEADER RIGHT ANGLE TYPE



Recommended P.C.Board Layout



### SPECIFICATIONS

Voltage Rating: 150V AC/DC

Current Rating: 2A

Withstanding Voltage: 500V AC/Minute

Insulation Resistance: 1000MΩ Min.

Temperature Range: -25°C to +105°C

Contact Resistance: 20mΩ Max

### MATERIAL

Contact: Brass

Insulator: Nylon 6T UL94V-0, Black

All materials must be RoHS compliant.

NO. OF CONTACTS	DIMENSIONS(MM)		NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B		A	B
1	2.50	-	21	52.50	50.00
2	5.00	2.50	22	55.00	52.50
3	7.50	5.00	23	57.50	55.00
4	10.00	7.50	24	60.00	57.50
5	12.50	10.00	25	62.50	60.00
6	15.00	12.50	26	65.00	62.50
7	17.50	15.00	27	67.50	65.00
8	20.00	17.50	28	70.00	67.50
9	22.50	20.00	29	72.50	70.00
10	25.00	22.50	30	75.00	72.50
11	27.50	25.00	31	77.50	75.00
12	30.00	27.50	32	80.00	77.50
13	32.50	30.00	33	82.50	80.00
14	35.00	32.50	34	85.00	82.50
15	37.50	35.00	35	87.50	85.00
16	40.00	37.50	36	90.00	87.50
17	42.50	40.00	37	92.50	90.00
18	45.00	42.50	38	95.00	92.50
19	47.50	45.00	39	97.50	95.00
20	50.00	47.50	40	100.00	97.50

### ORDERING INFORMATION:

P/N 250  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{T}{3}$  B -  $\frac{X}{4}$

1. DIMENSION C:

"QA" C=6.5MM

"QB" C=8.7MM

2. NO. OF CONTACTS PER ROW:

"001" 1 PIN PER ROW

"002" 2 PIN PER ROW

"003" 3 PIN PER ROW

⋮

"040" 40 PIN PER ROW

3. CONTACT FINISH:

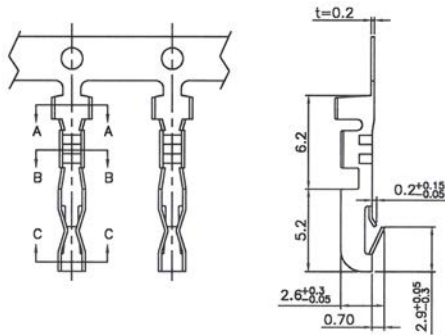
"T" FULL TIN PLATED

4. PACKAGE TYPE:

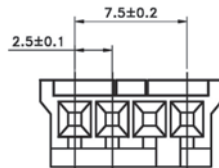
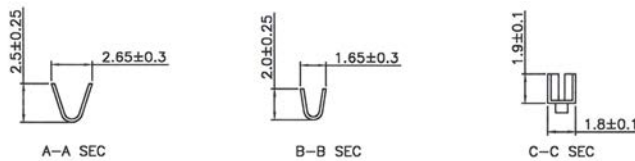
"0" BOX (FOR 001~003 PINS PER ROW)

"T" TUBE (FOR OTHERS)

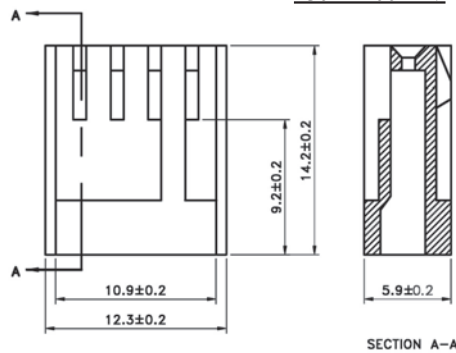
## 2.50MM(0.079") SPACING DISK DRIVE POWER CONNECTOR (1)



**250AT-10KT**



**250AH-004HV**



### TERMINAL

**Voltage Rating:** 250V AC/DC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 20mΩ Max

**Applicable Wires:** AWG#18~22

**Material:** Bronze, Tin Plated

**Thickness:** 0.20mm

### HOUSING

**Voltage Rating:** 250V AC/DC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 20mΩ Max

**Material:** Nylon 66 UL94V-0

**All materials must be RoHS compliant.**

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250AT-10KT**

PU= 10,000PCS/REEL

NOTE: ACCEPTS 250AH HOUSING

#### HOUSING:

**P/N 250AH-004HV**

NOTE: ACCEPTS 250AT TERMINAL

#### SPECIAL PACKAGING:

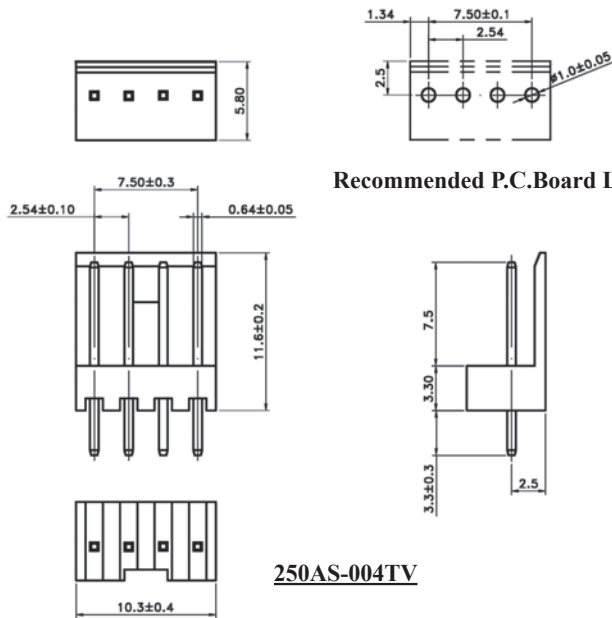
**P/N 250AH-008TH**

4PCS 250AT-001T AND

1PC 250AH-004HV

IN ONE POLYBAG

## 2.50MM(0.098") SPACING DISK DRIVE POWER CONNECTOR (2)



### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 800V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

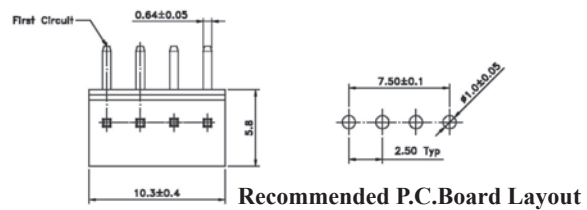
**Contact Resistance:** 20mΩ Max

### MATERIAL

**Contact:** Brass, Tin Plated

**Base:** Nylon 66 UL94V-0

**All materials must be RoHS compliant.**



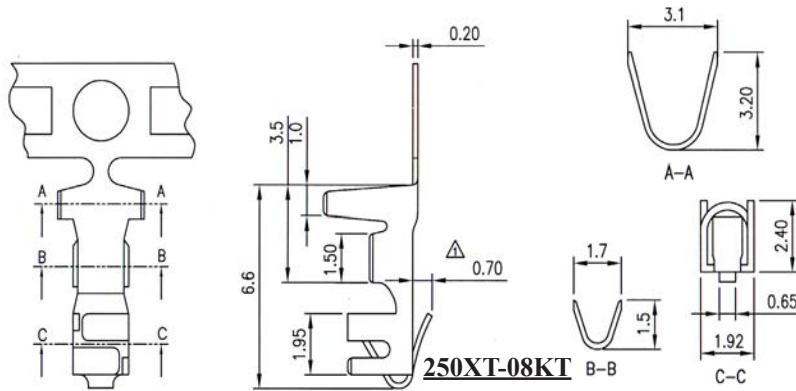
### ORDERING INFORMATION:

P/N 250  $\frac{XX}{1}$  - 004  $\frac{TV}{34}$

1. TERMINAL TYPE:  
"AS" STRAIGHT TYPE  
"AR" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
004
3. CONTACT FINISH:  
"T" TIN PLATED
4. INSULATOR COLOR:  
"V" IVORY

NOTE: MATES WITH 250AH HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (A1)



### SPECIFICATIONS

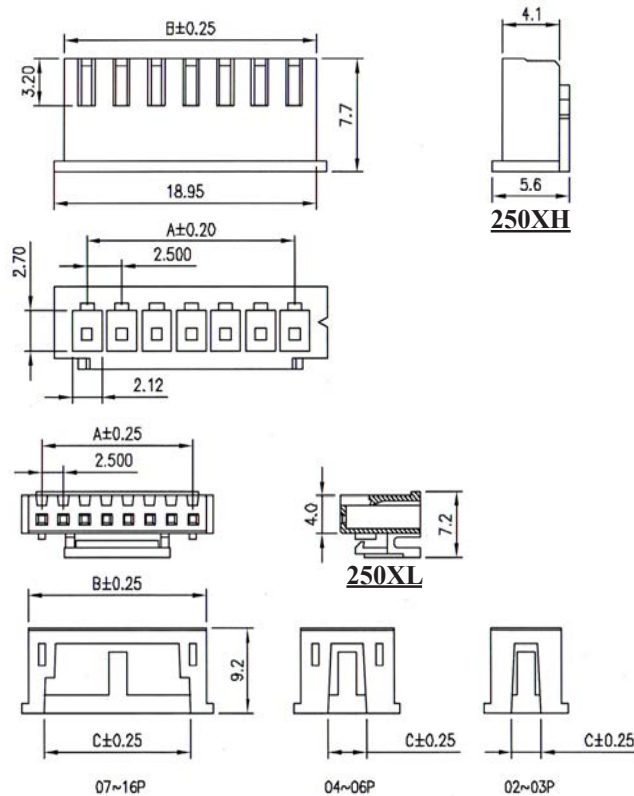
**Current Rating:** 3.0 Amp  
**Insulation Resistance:** 500MΩ Min  
**Dielectric Withstanding:** 1000V AC  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -25°C to +85°C

### TERMINAL

Accepts AWG# 22-28 Wire Range  
**Insulation O.D.:** 1.90mm (max)  
**Material:** Brass & phosphor Bronze  
**Finish:** Tin Plated  
**Thickness:** 0.20mm

### HOUSING

**Material:** Nylon 66, UL 94V-0  
**All materials must be RoHS compliant.**



No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.70
03	5.00	8.20
04	7.50	10.70
05	10.00	13.20
06	12.50	15.70
07	15.00	18.20
08	17.50	20.70
09	20.00	23.20
10	22.50	25.70
11	25.00	28.20
12	27.50	30.70
13	30.00	33.20
14	32.50	35.70
15	35.00	38.20
16	37.50	40.70
17	40.00	43.20
18	42.50	45.70
19	45.00	48.20
20	47.50	50.70

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250XT-08KT**

PU= 8.000PCS/REEL

NOTE: ACCEPTS 250XH, 250XL HOUSINGS

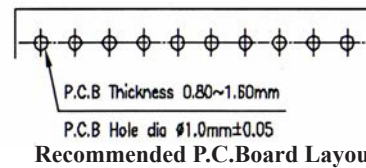
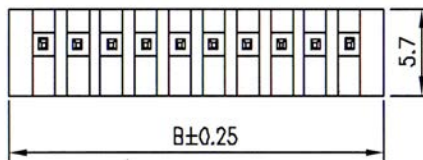
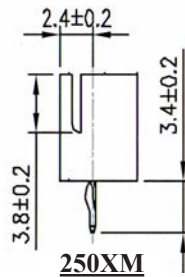
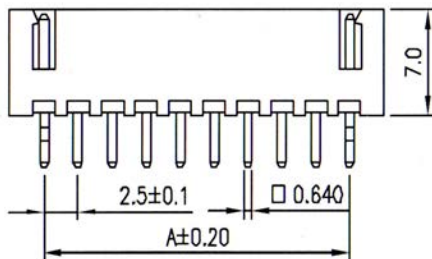
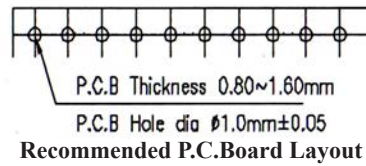
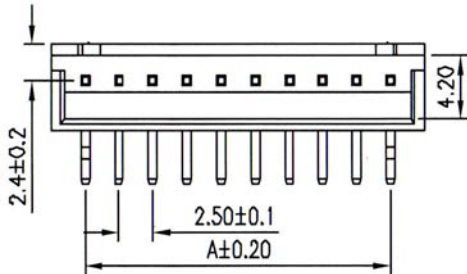
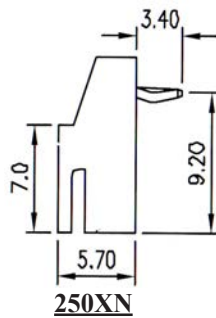
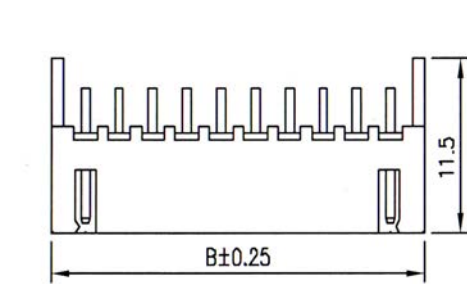
#### HOUSING:

**P/N 250 XX - XXX H X**

- HOUSING TYPE:  
 "XH" STANDARD HOUSING  
 "XL" LOCK HOUSING
- NO. OF CONTACTS:  
 002 ~ 020 FOR 250XH  
 002 ~ 016 FOR 250XL
- INSULATOR COLOR:  
 "V" IVORY  
 "U" BLUE  
 THE OTHER COLORS UPON REQUEST!

NOTE: ACCEPTS 250XT TERMINAL

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (A2)



### SPECIFICATIONS

**Current Rating:** 3.0 Amp  
**Insulation Resistance:** 500MΩ Min  
**Dielectric Withstanding:** 1000V AC  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -25°C to +85°C

### MATERIALS

**Insulation Material:** UL 94V-0  
 Nylon 66  
**Contact Material:** Brass  
**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50

### ORDERING INFORMATION:

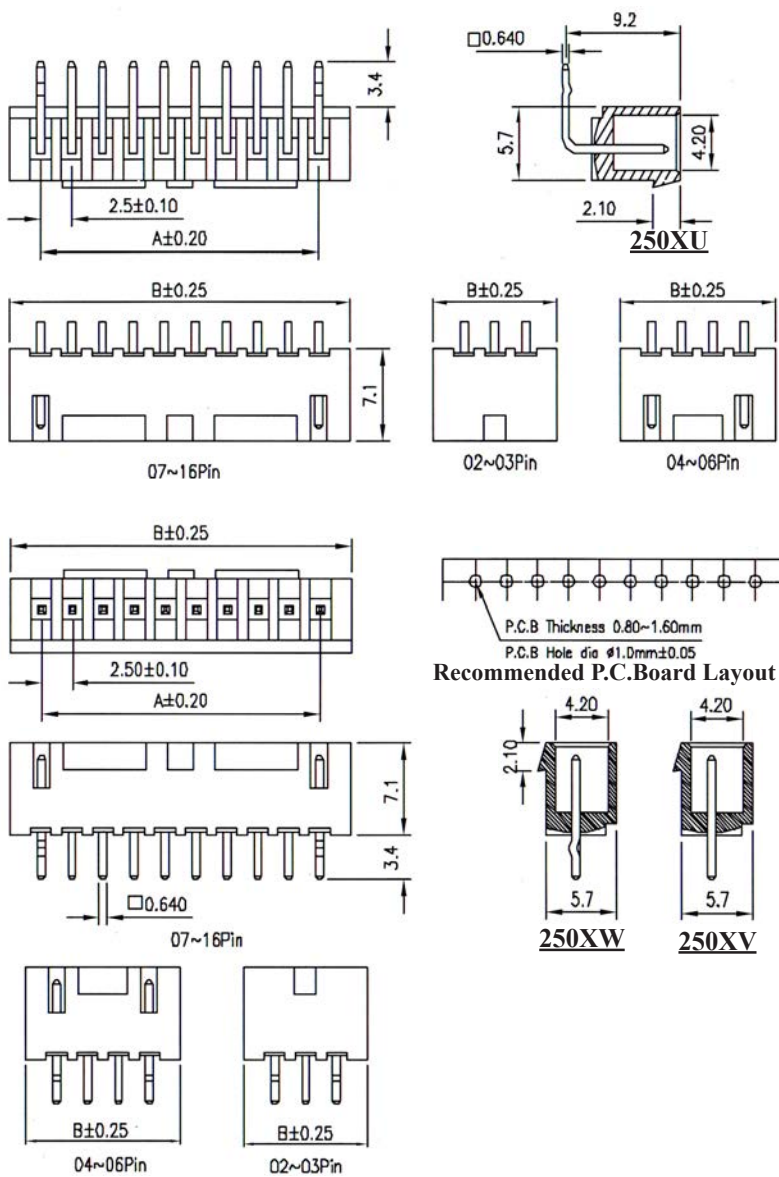
P/N 250  $\frac{xx}{1}$  -  $\frac{xxx}{2}$  T  $\frac{x}{3}$

1. TERMINAL TYPE:  
 "XN" RIGHT ANGLE TYPE  
 "XM" STRAIGHT TYPE
2. NO. OF CONTACTS:  
 002 ~ 020

3. INSULATOR COLOR:  
 "V" IVORY (STANDARD)  
 "A" GRAY  
 "B" BLACK  
 "C" BROWN  
 "R" RED  
 "O" ORANGE  
 "Y" YELLOW  
 "N" GREEN  
 "U" BLUE  
 "P" PURPLE

NOTE: MATES WITH 250XH HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (A3)



### SPECIFICATIONS

**Current Rating:** 3.0 Amp

**Insulation Resistance:** 500MΩ Min

**Dielectric Withstanding:** 1000V AC/DC

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -25°C to +85°C

### MATERIALS

**Insulation Material:** Polyester, UL 94V-0  
Nylon 66

**Contact Material:** Phosphor Bronze

**All materials must be RoHS compliant.**

### 250XU/250XV/250XW

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50

### ORDERING INFORMATION:

P/N 250  $\frac{XX}{1}$  -  $\frac{XXX}{2}$  T  $\frac{V}{3}$

#### 1. TERMINAL TYPE:

"XU" RIGHT ANGLE TYPE

"XV" STRAIGHT TYPE W/O KINK

"XW" STRAIGHT TYPE WITH KINK

#### 2. NO. OF CONTACTS:

002 ~ 016

#### 3. INSULATOR COLOR:

"V" IVORY (STANDARD)

"A" GRAY

"B" BLACK

"C" BROWN

"R" RED

"O" ORANGE

"Y" YELLOW

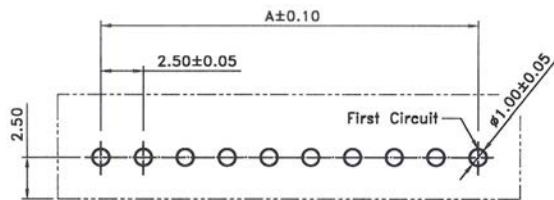
"N" GREEN

"U" BLUE

"P" PURPLE

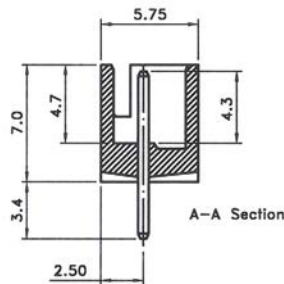
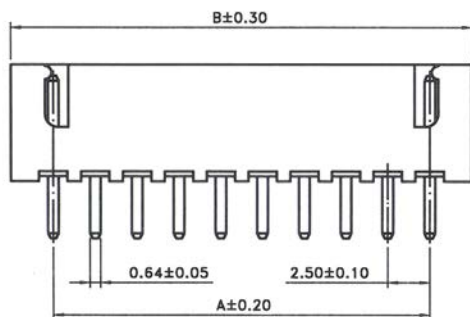
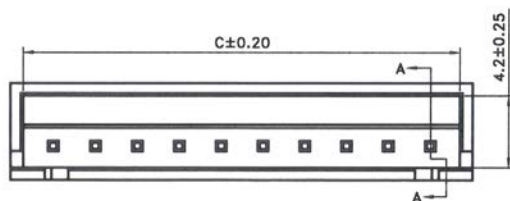
NOTE: MATES WITH 250XL HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (A4)

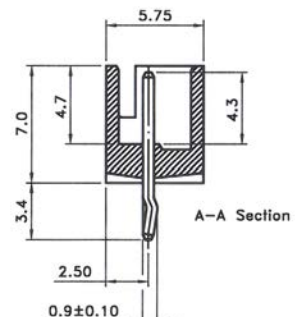


Recommended P.C. Board Layout  
(Top View)

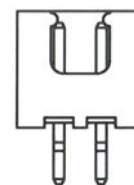
NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.50	7.50	6.00
03	5.00	10.00	8.50
04	7.50	12.50	11.00
05	10.00	15.00	13.50
06	12.50	17.50	16.00
07	15.00	20.00	18.50
08	17.50	22.50	21.00
09	20.00	25.00	23.50
10	22.50	27.50	26.00
11	25.00	30.00	28.50
12	27.50	32.50	31.00
13	30.00	35.00	33.50
14	32.50	37.50	36.00
15	35.00	40.00	38.50
16	37.50	42.50	41.00
17	40.00	45.00	43.50
18	42.50	47.50	46.00
19	45.00	50.00	48.50
20	47.50	52.50	51.00



250XS-xxxTV



250XA-xxxTV



2 Circuit

### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 20mΩ Max

### MATERIAL

**Contact:** Brass, Sn 120u" Over Plated

Nickel 30u" Under All Over

**Base:** Nylon 66 UL94V-0

All materials must be RoHS compliant.

### ORDERING INFORMATION:

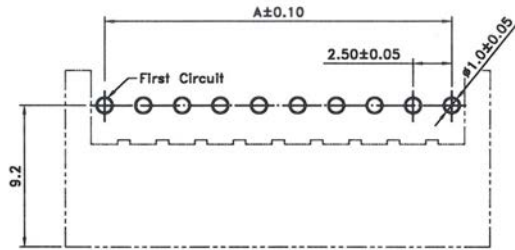
P/N  $250 \frac{XX}{1} - \frac{XXX}{2} \frac{T}{3} \frac{V}{4}$

1. TERMINAL TYPE:  
"XS" STRAIGHT DIP TYPE  
"XA" STRAIGHT DIP TYPE WITH KINK PINS
2. NO. OF CONTACTS:  
002 ~ 020
3. CONTACT FINISH:  
"T" FULL TIN PLATED
4. INSULATOR COLOR:  
"V" IVORY (STANDARD)  
"U" BLUE (FOR 250XA ONLY)

NOTE: MATES WITH 250XH HOUSING



## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (A5)



Recommended P.C. Board Layout  
(Top View)

NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.50	7.50	6.00
03	5.00	10.00	8.50
04	7.50	12.50	11.00
05	10.00	15.00	13.50
06	12.50	17.50	16.00
07	15.00	20.00	18.50
08	17.50	22.50	21.00
09	20.00	25.00	23.50
10	22.50	27.50	26.00
11	25.00	30.00	28.50
12	27.50	32.50	31.00
13	30.00	35.00	33.50
14	32.50	37.50	36.00
15	35.00	40.00	38.50
16	37.50	42.50	41.00
17	40.00	45.00	43.50
18	42.50	47.50	46.00
19	45.00	50.00	48.50
20	47.50	52.50	51.00

### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 20mΩ Max

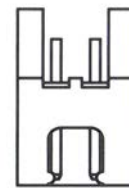
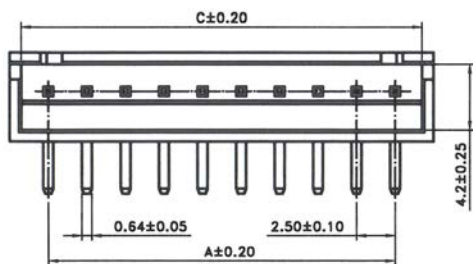
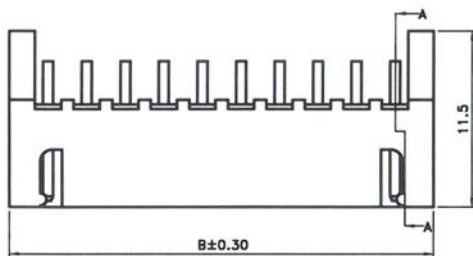
### MATERIAL

**Contact:** Brass, Sn 120u" Over Plated

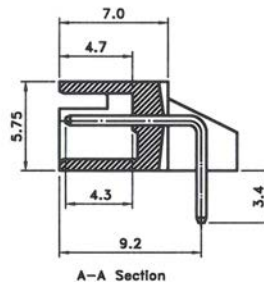
Nickel 30u" Under All Over

**Base:** Nylon 66 UL94V-0

**All materials must be RoHS compliant.**

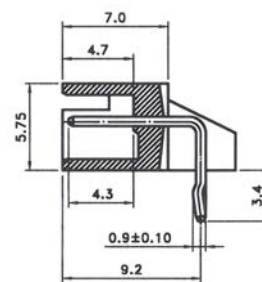


2 Circuit



A-A Section

**250XR-xxxTV**



A-A Section

**250XB-xxxTV**

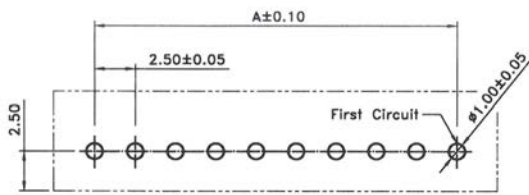
### ORDERING INFORMATION:

P/N 250  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{TV}{34}$

1. TERMINAL TYPE:  
"XR" RIGHT ANGLE DIP TYPE  
"XB" RIGHT ANGLE DIP TYPE WITH KINK PINS
2. NO. OF CONTACTS:  
002 ~ 020
3. CONTACT FINISH:  
"T" TIN PLATED  
"G" GOLD PLATED (FOR 250XR ONLY)
4. INSULATOR COLOR:  
"V" IVORY

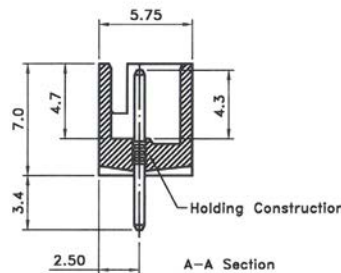
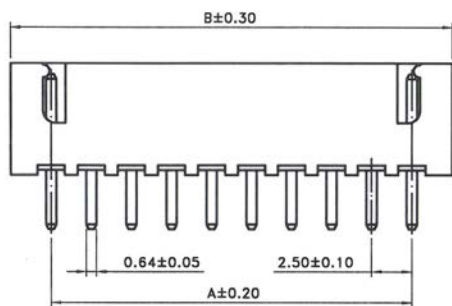
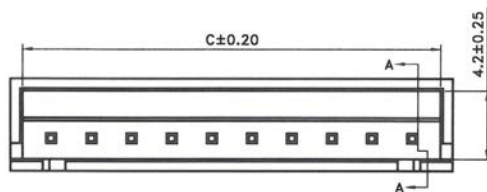
NOTE: MATES WITH 250XH HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (A6)

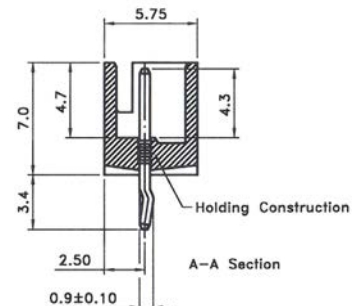


Recommended P.C. Board Layout  
(Top View)

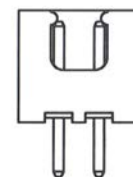
NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.50	7.50	6.00
03	5.00	10.00	8.50
04	7.50	12.50	11.00
05	10.00	15.00	13.50
06	12.50	17.50	16.00
07	15.00	20.00	18.50
08	17.50	22.50	21.00
09	20.00	25.00	23.50
10	22.50	27.50	26.00
11	25.00	30.00	28.50
12	27.50	32.50	31.00
13	30.00	35.00	33.50
14	32.50	37.50	36.00
15	35.00	40.00	38.50
16	37.50	42.50	41.00
17	40.00	45.00	43.50
18	42.50	47.50	46.00
19	45.00	50.00	48.50
20	47.50	52.50	51.00



250XC-xxxTV



250XD-xxxTV



2 Circuit

### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 20mΩ Max

### MATERIAL

**Contact:** Brass, Sn 120u" Over Plated

Nickel 30u" Under All Over

**Base:** Nylon 66 UL94V-0

**All materials must be RoHS compliant.**

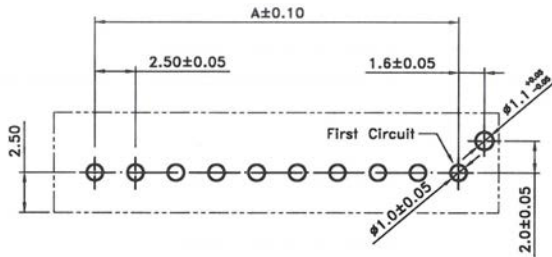
### ORDERING INFORMATION:

P/N 250  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{T}{3}$   $\frac{V}{4}$

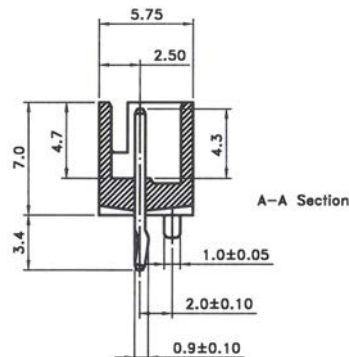
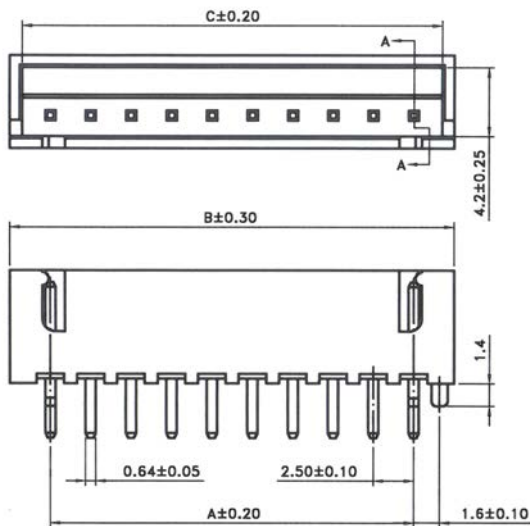
1. TERMINAL TYPE:  
"XC" HOLDING CONSTRUCTION  
"XD" HOLDING CONSTRUCTION WITH KINKED PINS
2. NO. OF CONTACTS:  
002 ~ 020
3. CONTACT FINISH:  
"T" TIN PLATED  
"MT" MATTE TIN PLATED (FOR 250XC ONLY)
4. INSULATOR COLOR:  
"V" IVORY

NOTE: MATES WITH 250XH HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (A7)



Recommended P.C. Board Layout  
(Top View)



NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.50	7.50	6.00
03	5.00	10.00	8.50
04	7.50	12.50	11.00
05	10.00	15.00	13.50
06	12.50	17.50	16.00
07	15.00	20.00	18.50
08	17.50	22.50	21.00
09	20.00	25.00	23.50
10	22.50	27.50	26.00
11	25.00	30.00	28.50
12	27.50	32.50	31.00
13	30.00	35.00	33.50
14	32.50	37.50	36.00
15	35.00	40.00	38.50
16	37.50	42.50	41.00
17	40.00	45.00	43.50
18	42.50	47.50	46.00
19	45.00	50.00	48.50
20	47.50	52.50	51.00

### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 20mΩ Max

### MATERIAL

**Contact:** Brass, Sn 120u" Over Plated

Nickel 30u" Under All Over

**Base:** Nylon 66 UL94V-0

**All materials must be RoHS compliant.**

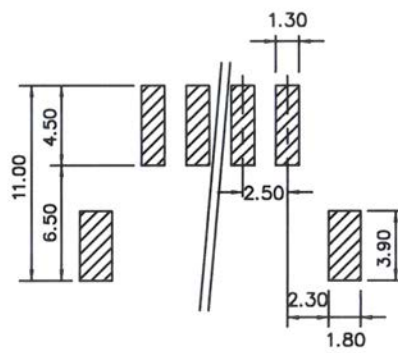
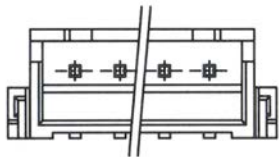
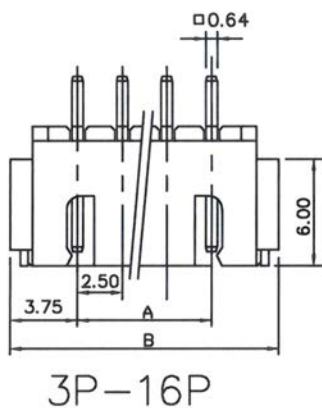
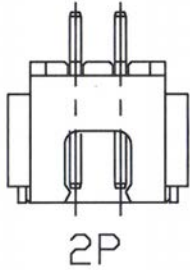
### ORDERING INFORMATION:

P/N 250  $\frac{XE}{1}$  -  $\frac{xxx}{2}$   $\frac{TV}{34}$

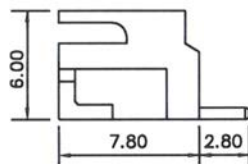
1. TERMINAL TYPE:  
"XE" WITH LOCATING PEG
2. NO. OF CONTACTS:  
002 ~ 020
3. CONTACT FINISH:  
"T" TIN PLATED
4. INSULATOR COLOR:  
"V" IVORY

NOTE: MATES WITH 250XH HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (A8)



Recommended P.C.Board Layout



### SPECIFICATIONS

**Voltage Rating:** 250V AC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

**Contact Resistance:** 20mΩ Max

### MATERIAL

**Pin:** Brass, Gold Flash

**Wafer:** Nylon 6T UL94V-0, Black

**Solder Tab:** Brass, Gold Flash

**All materials must be RoHS compliant.**

NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
2	2.50	10.00
3	5.00	12.50
4	7.50	15.00
5	10.00	17.50
6	12.50	20.00
7	15.00	22.50
8	17.50	25.00
9	20.00	27.50
10	22.50	30.00
11	25.00	32.50
12	27.50	35.00
13	30.00	37.50
14	32.50	40.00
15	35.00	42.50
16	37.50	45.00

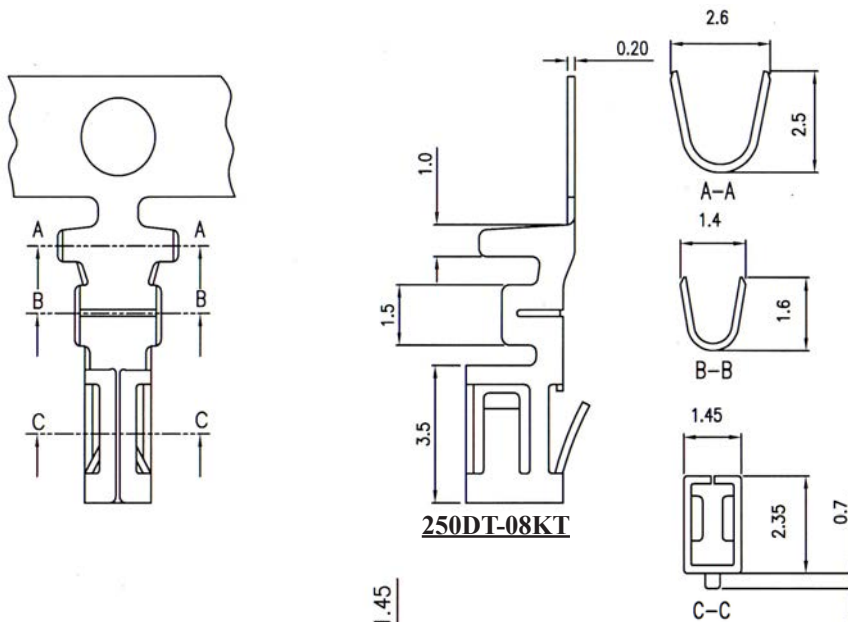
### ORDERING INFORMATION:

P/N 250  $\frac{XP}{1}$  -  $\frac{xxx}{2}$   $\frac{G}{3}$  V -  $\frac{x}{4}$

1. TERMINAL TYPE:  
"XP" SMT TYPE
2. NO. OF CONTACTS:  
002 ~ 016
3. CONTACT FINISH:  
"G" GOLD PLATED
4. PACKAGE TYPE:  
"T" TUBE  
"R" TAPE & REEL

NOTE: MATES WITH 250XH HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (B1)



### SPECIFICATIONS

**Current Rating:** 3.0 Amp

**Insulation Resistance:** 500MΩ Min

**Dielectric Withstanding:** 1000V AC

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -25°C to +85°C

### TERMINAL

Accepts AWG# 22-28 Wire Range

**Insulation O.D.:** 1.75mm (max)

**Material:** Phosphor Bronze & Brass

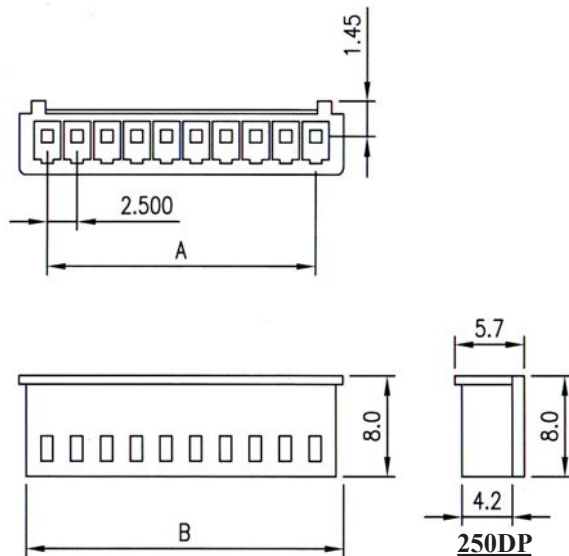
**Finish:** Tin Plated

**Thickness:** 0.20mm

### HOUSING

**Material:** Nylon 66, UL 94V-2

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	6.00
03	5.00	8.50
04	7.50	11.00
05	10.00	13.50
06	12.50	16.00
07	15.00	18.50
08	17.50	21.00
09	20.00	23.50
10	22.50	26.00
11	25.00	28.50
12	27.50	31.00

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250DT-08KT**

PU= 8.000PCS/REEL

NOTE: ACCEPTS 250DP HOUSINGS

#### HOUSING:

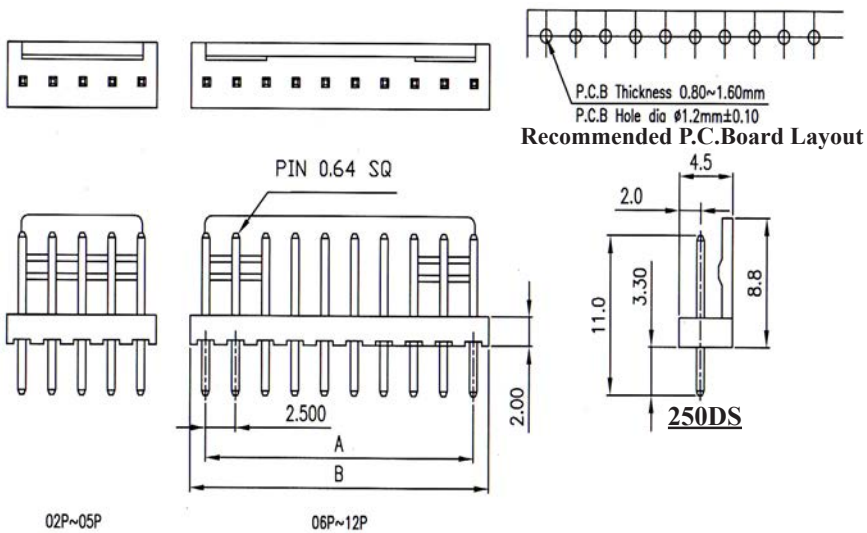
**P/N 250DP-XXXHV**  
I

1. NO. OF CONTACTS:

002 ~ 012

NOTE: ACCEPTS 250DT TERMINAL

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (B2)



### SPECIFICATIONS

Current Rating: 3.0 Amp

Insulation Resistance: 500MΩ Min

Dielectric Withstanding: 1000V AC

Contact Resistance: 20mΩ Max.

Operating Temperature: -25°C to +85°C

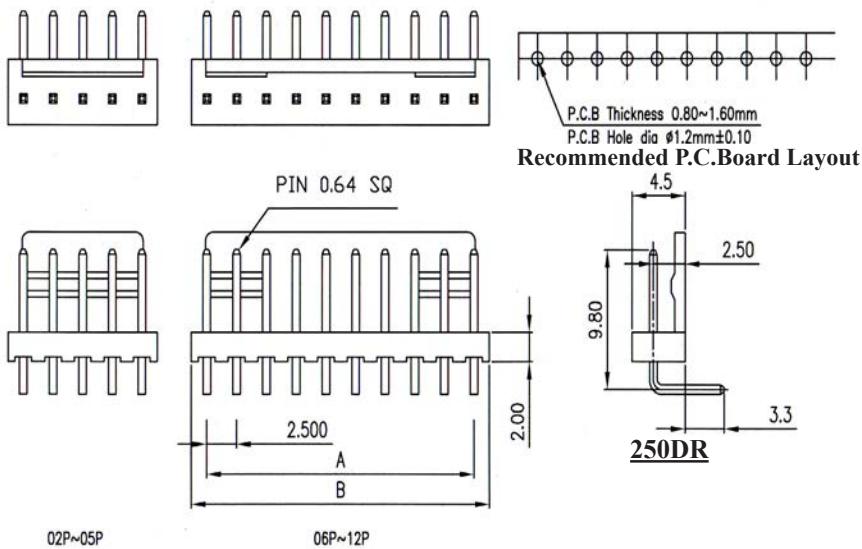
### MATERIALS

Insulation Material: UL 94V-2

Nylon 66

Contact Material: Brass & Phosphor Bronze

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.10
03	5.00	7.60
04	7.50	10.10
05	10.00	12.60
06	12.50	15.10
07	15.00	17.60
08	17.50	20.10
09	20.00	22.60
10	22.50	25.10
11	25.00	27.60
12	27.50	30.10

### ORDERING INFORMATION:

P/N **250**  $\frac{xx}{1}$  -  $\frac{xxx}{2}$  TV

#### 1. TERMINAL TYPE:

"DS" STRAIGHT TYPE

"DR" RIGHT ANGLE TYPE DIP= 3.3MM

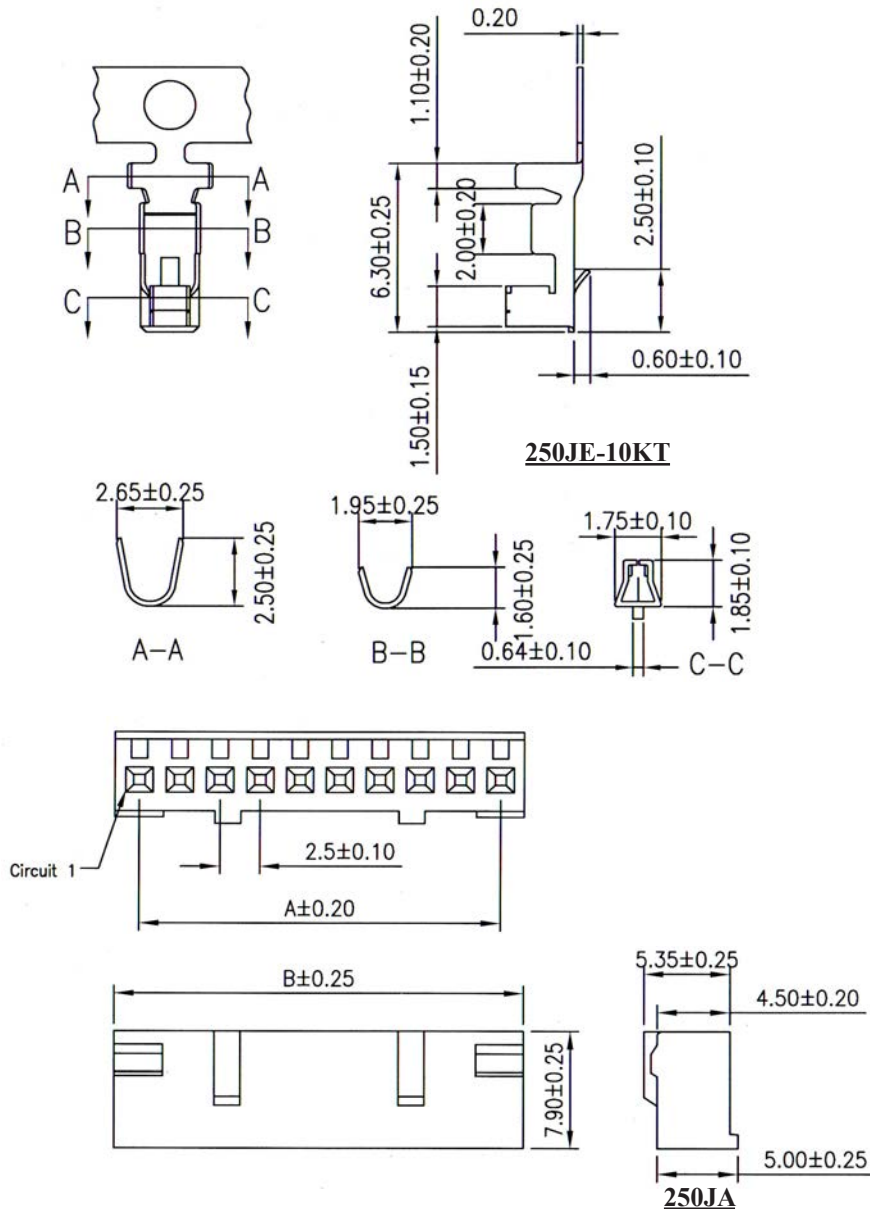
"DQ" RIGHT ANGLE TYPE DIP= 2.5MM

#### 2. NO. OF CONTACTS:

002 ~ 012

NOTE: MATES WITH 250DP HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (C1)



### TERMINAL

Accepts AWG# 22-28 Wire Range

**Insulation O.D.:** 1.90mm(max)

**Material:** Phosphor Bronze

**Finish:** Tin Plated

**Thickness:** 0.2mm

### HOUSING

**Material:** Nylon 66, UL 94V-0

**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.50
03	5.00	8.00
04	7.50	10.50
05	10.00	13.00
06	12.50	15.50
07	15.00	18.00
08	17.50	20.50
09	20.00	23.00
10	22.50	25.50
11	25.00	28.00
12	27.50	30.50
13	30.00	33.00
14	32.50	35.50
15	35.00	38.00

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250JE-10KT**

PU= 10.000PCS/REEL

NOTE: ACCEPTS 250JA HOUSING

#### HOUSING:

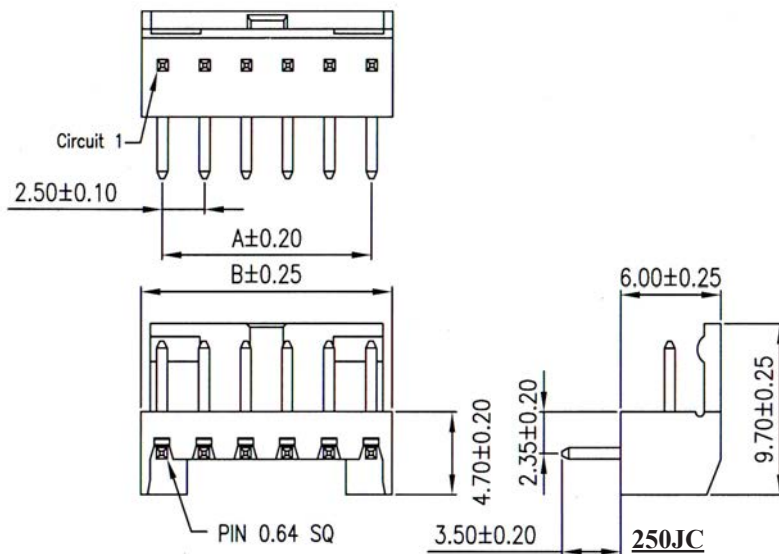
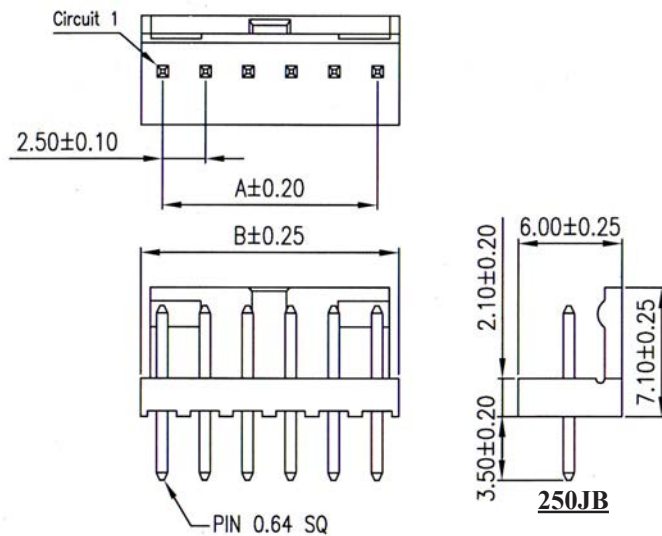
**P/N 250JA - xxx HC**

1. NO. OF CONTACTS:

002 ~ 015

NOTE: ACCEPTS 250JE TERMINAL

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (C2)



### SPECIFICATIONS

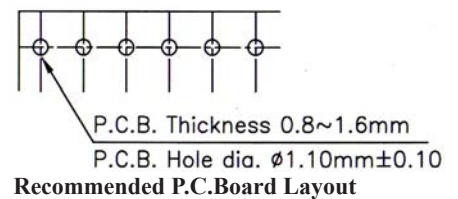
**Material:** Nylon 66, UL94V-0

0.64mm(0.025") sward pin

**Pin Material:** Brass/Tin Plated

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.10
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50



### ORDERING INFORMATION:

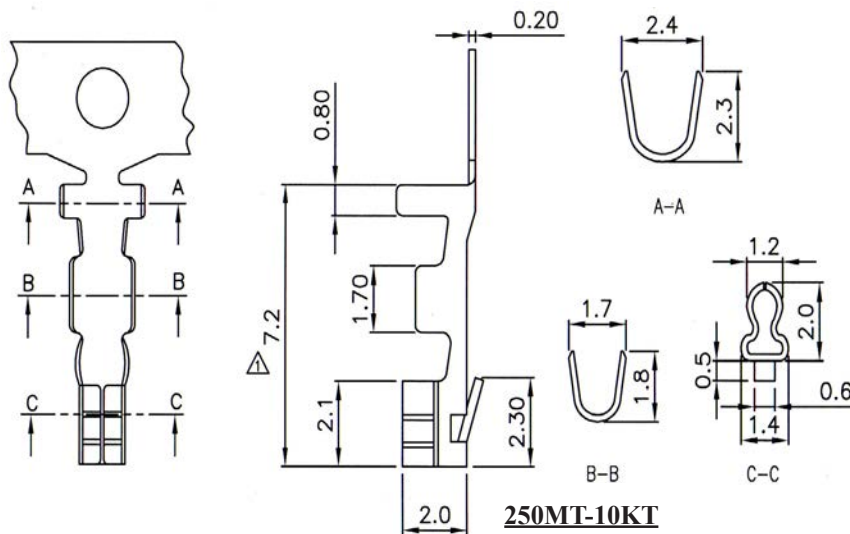
P/N 250 xx - xxx T C

1. TERMINAL TYPE:  
"JB" STRAIGHT TYPE  
"JC" RIGHT ANGLE TYPE
2. NO. OF CONTACTS:  
002 ~ 015

NOTE: MATES WITH 250JA HOUSING



## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (D1)



### SPECIFICATIONS

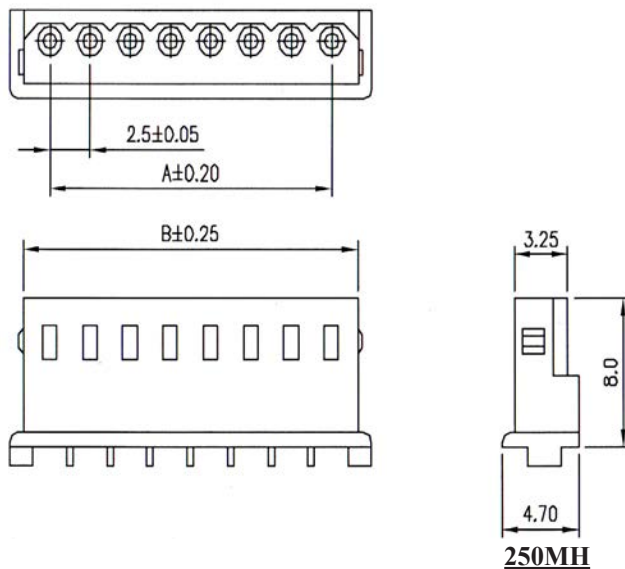
**Current Rating:** 3.0 Amp  
**Insulation Resistance:** 500MΩ Min  
**Dielectric Withstanding:** 1000V AC  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -25°C to +85°C

### TERMINAL

Accepts AWG# 24-28 Wire Range  
**Insulation O.D.:** 1.90mm (max)  
**Material:** Phosphor Bronze  
**Finish:** Tin Plated  
**Thickness:** 0.20mm

### HOUSING

**Material:** Nylon 66, UL 94V-2  
 All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.80
03	5.00	8.30
04	7.50	10.80
05	10.00	13.30
06	12.50	15.80
07	15.00	18.30
08	17.50	20.80
09	20.00	23.30
10	22.50	25.80
11	25.00	28.30
12	27.50	30.80
13	30.00	33.30
14	32.50	35.80
15	35.00	38.30
16	37.50	40.80

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250MT-10KT**

PU= 10.000PCS/REEL

NOTE: ACCEPTS 250MH HOUSINGS

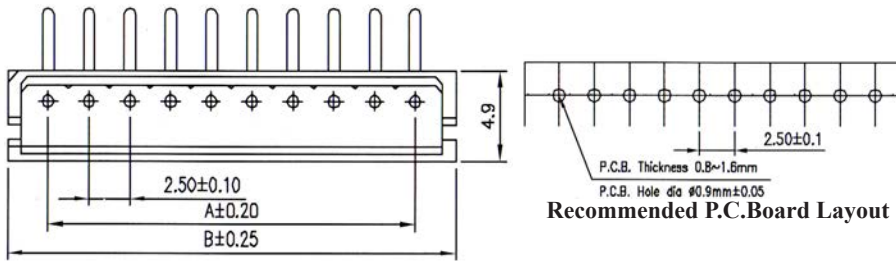
#### HOUSING:

**P/N 250MH -  $\frac{x \ x \ x}{1}$  H V**

1. NO. OF CONTACTS:  
002 ~ 016

NOTE: ACCEPTS 250MT TERMINAL

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (D2)



### SPECIFICATIONS

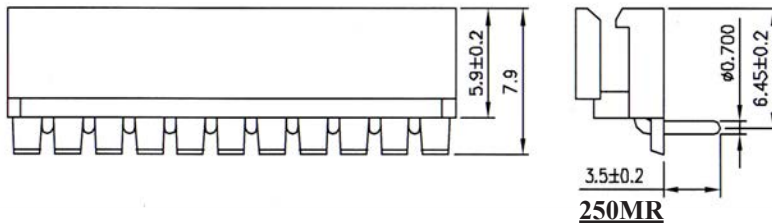
**Current Rating:** 3.0 Amp

**Insulation Resistance:** 500MΩ Min

**Dielectric Withstanding:** 1000V AC

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -25°C to +85°C



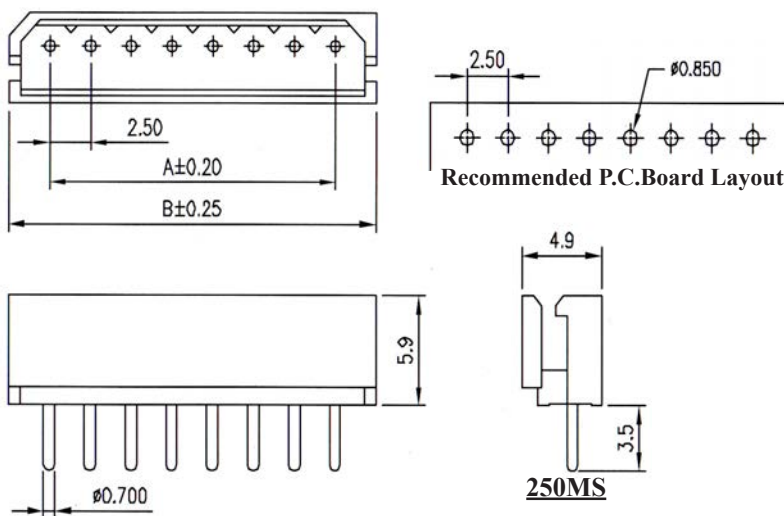
### MATERIALS

**Insulation Material:** UL 94V-2

Nylon 66

**Contact Material:** Brass

All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00

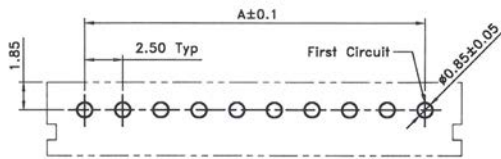
### ORDERING INFORMATION:

P/N 250  $\frac{XX}{1}$  -  $\frac{XXX}{2}$  TV

1. TERMINAL TYPE:  
"MR" RIGHT ANGLE TYPE  
"MS" STRAIGHT TYPE
2. NO. OF CONTACTS:  
002 ~ 015

NOTE: MATES WITH 250MH HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (D3)



Recommended P.C.Board Layout  
(Top View)

### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 1000V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

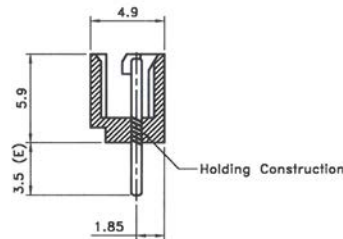
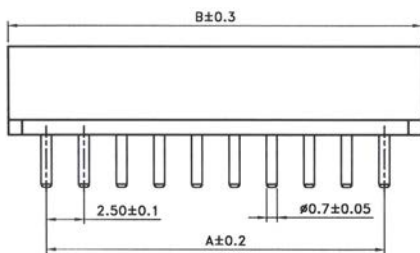
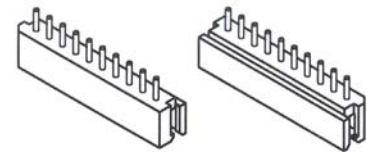
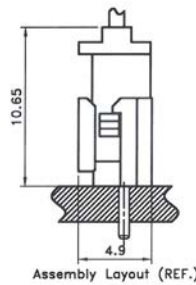
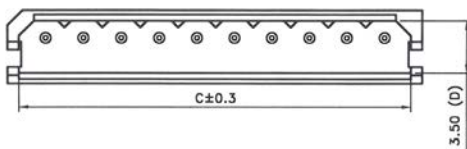
**Contact Resistance:** 20mΩ Max

### MATERIAL

**Contact:** Brass, Tin Plated

**Base:** Nylon 66 UL94V-2

**All materials must be RoHS compliant.**



NO. OF CONTACTS	DIMENSIONS(MM)		
	A	B	C
02	2.50	7.50	6.00
03	5.00	10.00	8.50
04	7.50	12.50	11.00
05	10.00	15.00	13.50
06	12.50	17.50	16.00
07	15.00	20.00	18.50
08	17.50	22.50	21.00
09	20.00	25.00	23.50
10	22.50	27.50	26.00
11	25.00	30.00	28.50
12	27.50	32.50	31.00
13	30.00	35.00	33.50
14	32.50	37.50	36.00
15	35.00	40.00	38.50

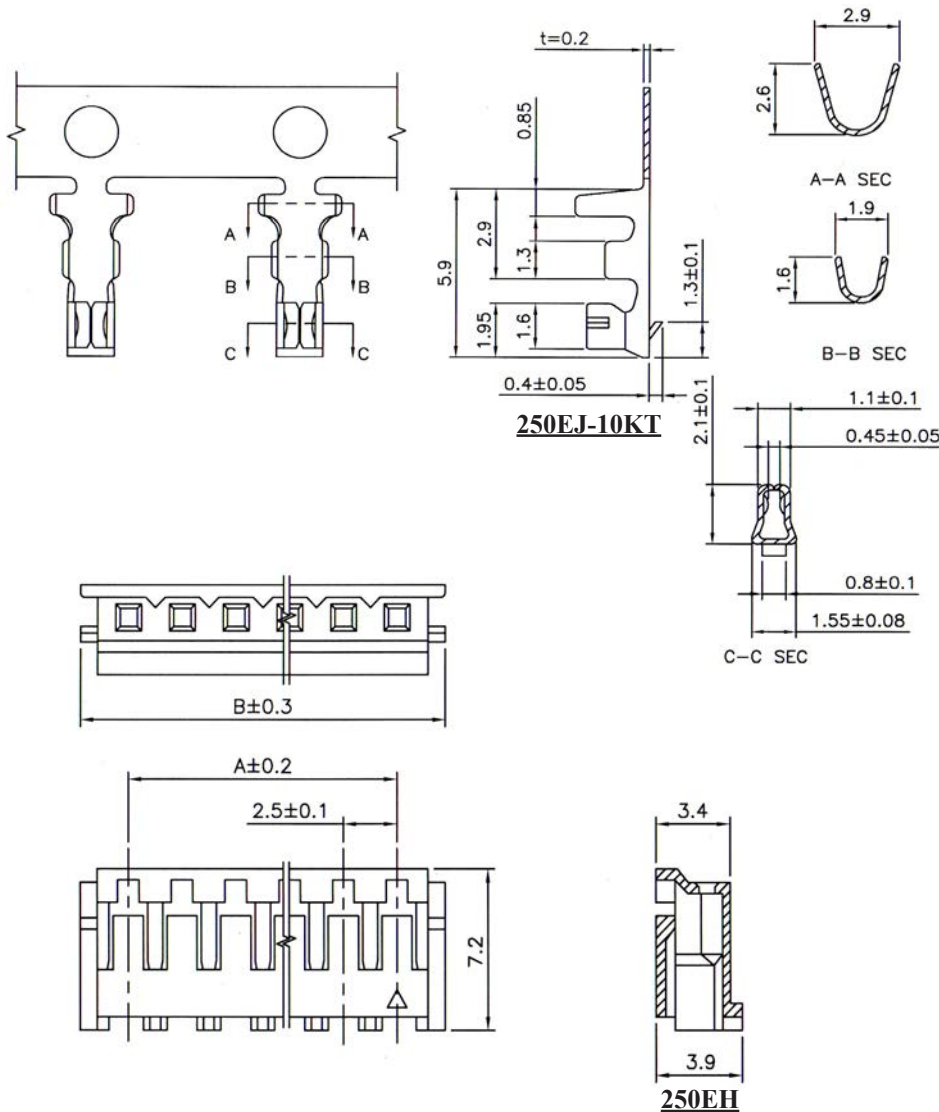
### ORDERING INFORMATION:

P/N 2 5 0 M V - X X X T V

1. TERMINAL TYPE:  
"MV" HOLDING CONSTRUCTION
2. NO. OF CONTACTS:  
002 ~ 015

NOTE: MATES WITH 250MH HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (E1)



### SPECIFICATIONS

**Current Rating:** 3.0 Amp

**Insulation Resistance:** 1000MΩ Min

**Dielectric Withstanding:** 800V AC

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -25°C to +85°C

### TERMINAL

Accepts AWG# 22-28 Wire Range

**Material:** Phosphor Bronze

**Finish:** Tin Plated

**Thickness:** 0.20mm

### HOUSING

**Material:** Nylon 66, UL 94V-0

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.00
03	5.00	9.50
04	7.50	12.00
05	10.00	14.50
06	12.50	17.00
07	15.00	19.50
08	17.50	22.00
09	20.00	24.50
10	22.50	27.00
11	25.00	29.50
12	27.50	32.00
13	30.00	34.50
14	32.50	37.00
15	35.00	39.50

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250EJ-10KT**

PU= 10.000PCS/REEL

NOTE: ACCEPTS 250EH HOUSING

#### HOUSING:

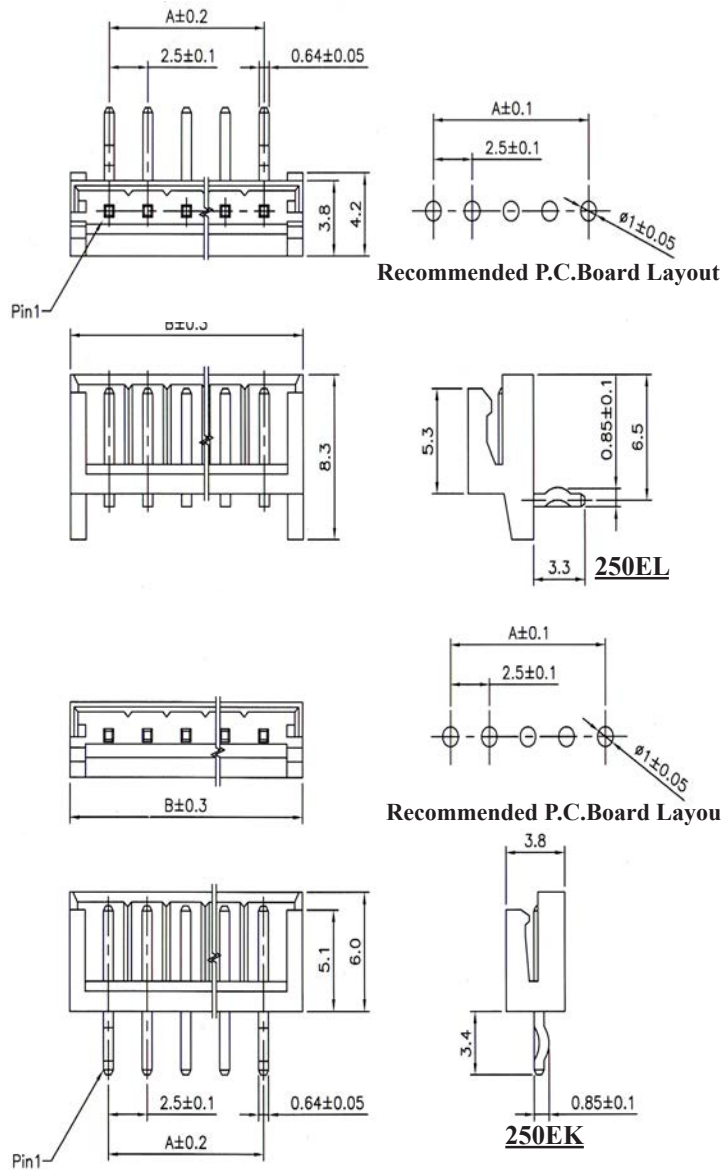
**P/N 250EH -  $\frac{XXX}{I}$  HV**

1. NO. OF CONTACTS:

002 ~ 015

NOTE: ACCEPTS 250EJ TERMINAL

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (E2)



### SPECIFICATIONS

**Current Rating:** 3.0 Amp

**Insulation Resistance:** 1000MΩ Min

**Dielectric Withstanding:** 800V AC

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -25°C to +85°C

### MATERIALS

**Insulation Material:** UL 94V-0

Nylon 66

**Contact Material:** Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00

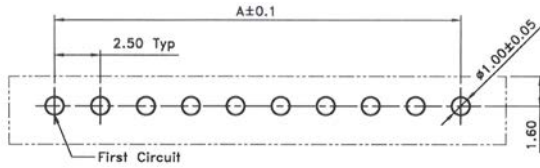
### ORDERING INFORMATION:

P/N 250  $\frac{1}{X} - \frac{X}{2} \frac{X}{3} \frac{X}{4}$

1. TERMINAL TYPE:  
"EL" RIGHT ANGLE TYPE  
"EK" STRAIGHT TYPE
2. NO. OF CONTACTS:  
002 ~ 015
3. CONTACT FINISH:  
"T" TIN PLATED  
"MT" MATTE TIN PLATED (FOR 250EK ONLY)
4. INSULATOR COLOR:  
"V" IVORY  
"B" BLACK (FOR 250EL ONLY)  
"U" BLUE (FOR 250EL ONLY)

NOTE: MATES WITH 250EH HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (E3)



Recommended P.C. Board Layout  
(Top View)

NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
2	2.50	7.50
3	5.00	10.00
4	7.50	12.50
5	10.00	15.00
6	12.50	17.50
7	15.00	20.00
8	17.50	22.50
9	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00

### SPECIFICATIONS

**Voltage Rating:** 250V AC/DC

**Current Rating:** 3A AC/DC

**Withstanding Voltage:** 800V AC/Minute

**Insulation Resistance:** 1000MΩ Min.

**Temperature Range:** -25°C to +85°C

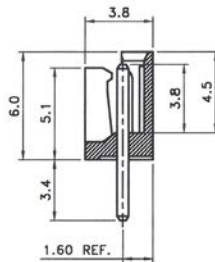
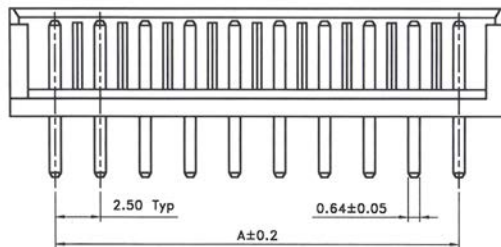
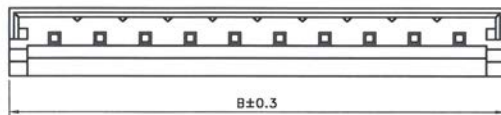
**Contact Resistance:** 20mΩ Max

### MATERIAL

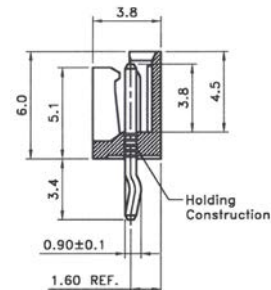
**Contact:** Brass, Tin Plated

**Base:** Nylon 66 UL94V-0

**All materials must be RoHS compliant.**



250EM-xxxTV



250EN-xxxTV

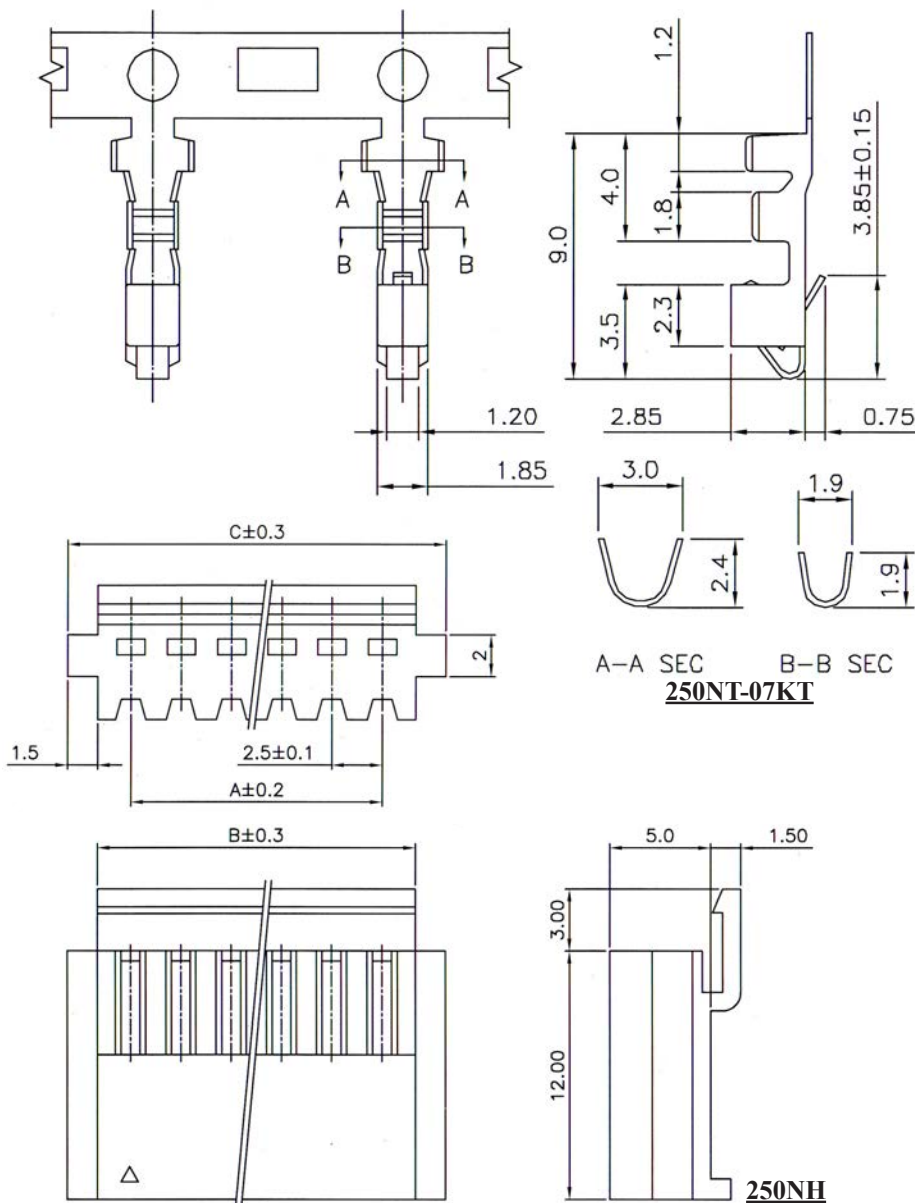
### ORDERING INFORMATION:

P/N 250  $\frac{XX}{1}$  -  $\frac{XXX}{2}$   $\frac{T}{3}$   $\frac{V}{4}$

1. TERMINAL TYPE:  
"EM" STRAIGHT DIP TYPE  
"EN" HOLDING CONSTRUCTION
2. NO. OF CONTACTS:  
002 ~ 015
3. CONTACT FINISH:  
"T" TIN PLATED

NOTE: MATES WITH 250EH HOUSING

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (F1)



### SPECIFICATIONS

**Current Rating:** 3.0 Amp  
**Dielectric Withstanding:** 1500V AC  
**Insulation Resistance:** 500MΩ Min  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -20°C to +85°C

### TERMINAL

Accepts AWG# 22-28 Wire Range  
**Material:** Brass  
**Finish:** Tin Plated  
**Thickness:** 0.2mm

### HOUSING

**Material:** Nylon 66, UL 94V-0  
 All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	A	B	C
02	2.50	5.70	8.70
03	5.00	8.20	11.20
04	7.50	10.70	13.70
05	10.00	13.20	16.20
06	12.50	15.70	18.70
07	15.00	18.20	21.20
08	17.50	20.70	23.70
09	20.00	23.20	26.20
10	22.50	25.70	28.70
11	25.00	28.20	31.20
12	27.50	30.70	33.70
13	30.00	33.20	36.20
14	32.50	35.70	38.70
15	35.00	38.20	41.20
16	37.50	40.70	43.70
17	40.00	43.20	46.20
18	42.50	45.70	48.70
19	45.00	48.20	51.20
20	47.50	50.70	53.70

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250NT-07KT**

PU= 7.000PCS/REEL

NOTE: ACCEPTS 250NH HOUSING

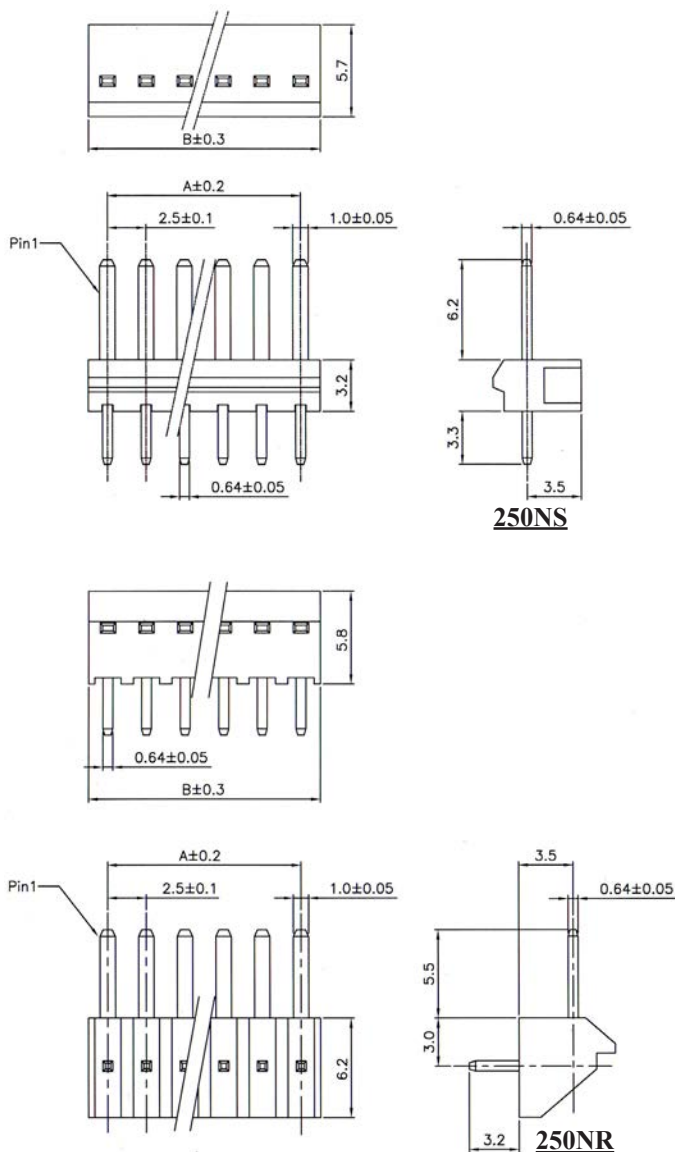
#### HOUSING:

**P/N 250NH -             H V**

1. NO. OF CONTACTS:  
002 ~ 020

NOTE: ACCEPTS 250NT TERMINAL

## 2.50MM(0.098") SPACING WIRE-TO-BOARD SYSTEM (F2)



### SPECIFICATIONS

**Current Rating:** 3.0 Amp

**Insulation Resistance:** 500MΩ Min

**Dielectric Withstanding:** 1500V AC

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -25°C to +85°C

### MATERIALS

**Insulation Material:** UL 94V-0

Nylon 66

**Contact Material:** Brass

**All materials must be RoHS compliant.**

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.00
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50
16	37.50	40.00
17	40.00	42.50
18	42.50	45.00
19	45.00	47.50
20	47.50	50.00

### ORDERING INFORMATION:

P/N 250  $\frac{XX}{1} - \frac{XXX}{2} TV$

1. TERMINAL TYPE:

"NS" STRAIGHT TYPE

"NR" RIGHT ANGLE TYPE

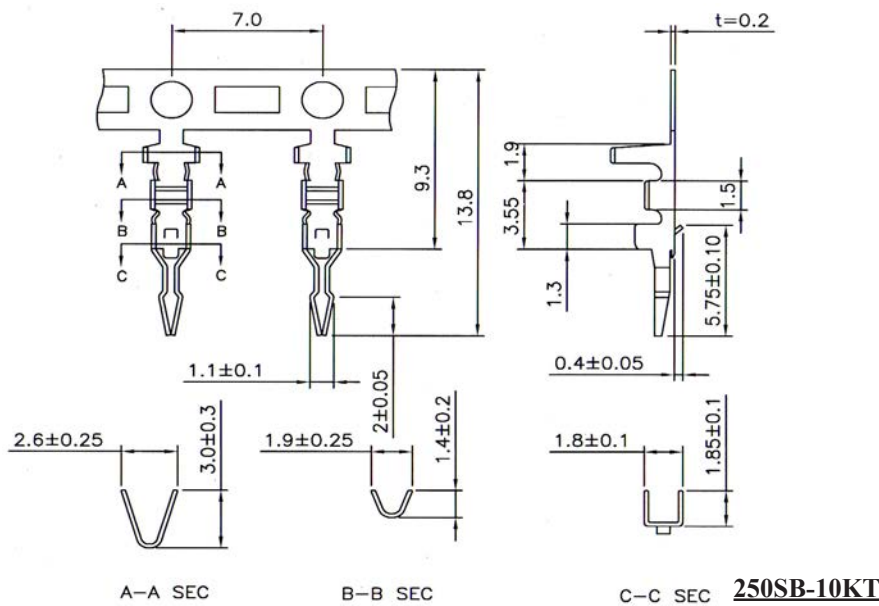
2. NO. OF CONTACTS:

002 ~ 020

NOTE: MATES WITH 250NH HOUSING



## 2.50MM(0.098") SPACING BOARD-IN TYPE SYSTEM (1)



### SPECIFICATIONS

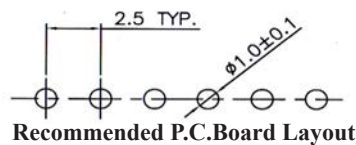
**Current Rating:** 2.5 Amp  
**Dielectric Withstanding:** 800V AC  
**Insulation Resistance:** 1000MΩ Min  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -25°C to +85°C

### TERMINAL

Accepts AWG# 22-28 Wire Range  
**Material:** Brass  
**Finish:** Tin Plated  
**Thickness:** 0.2mm

### HOUSING

**Material:** Nylon 66, UL 94V-0  
 All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	6.50
03	5.00	9.00
04	7.50	11.50
05	10.00	14.00
06	12.50	16.50
07	15.00	19.00
08	17.50	21.50
09	20.00	24.00
10	22.50	26.50
11	25.00	29.00
12	27.50	31.50
13	30.00	34.00
14	32.50	36.50
15	35.00	39.00
16	37.50	41.50

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250SB-10KT**

PU= 10.000PCS/REEL

NOTE: ACCEPTS 250SC HOUSING

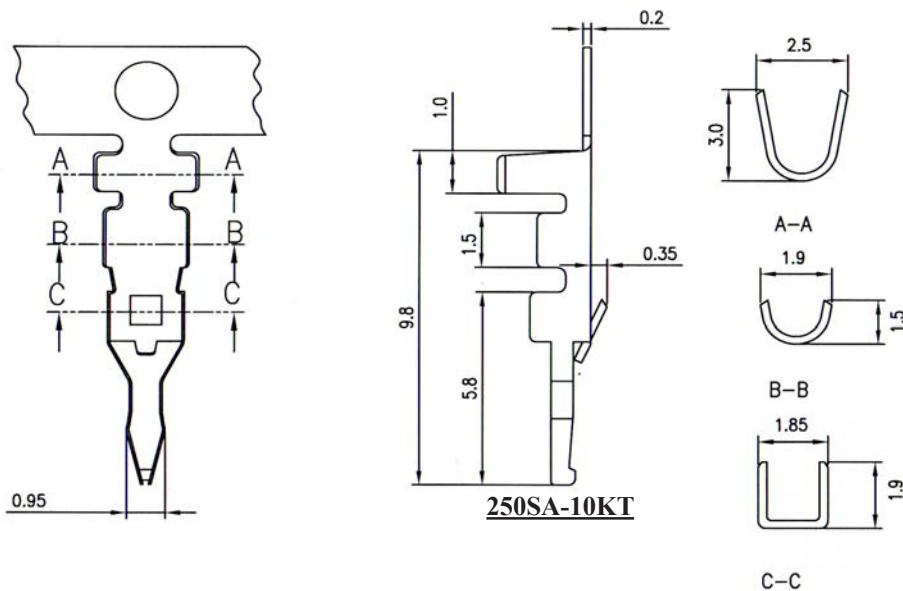
#### HOUSING:

**P/N 250SC - XXXHW**

1. NO. OF CONTACTS:  
002 ~ 016

NOTE: ACCEPTS 250SB TERMINAL

## 2.50MM(0.098") SPACING BOARD-IN TYPE SYSTEM (2)



### TERMINAL

Accepts AWG# 22-28 Wire Range

**Insulation O.D.:** 1.90mm(max)

**Material:** Brass

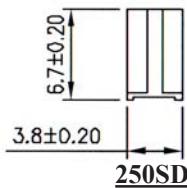
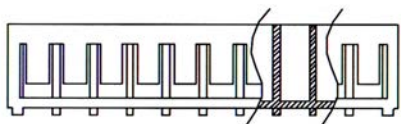
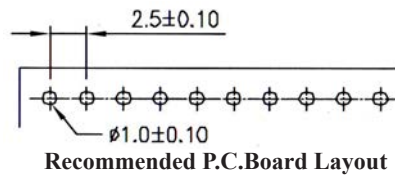
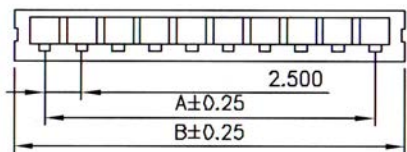
**Finish:** Tin Plated

**Thickness:** 0.2mm

### HOUSING

**Material:** Nylon 66, UL 94V-0

**All materials must be RoHS compliant.**



No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	6.60
03	5.00	9.10
04	7.50	11.60
05	10.00	14.10
06	12.50	16.60
07	15.00	19.10
08	17.50	21.60
09	20.00	24.10
10	22.50	26.60
11	25.00	29.10
12	27.50	31.60
13	30.00	34.10
14	32.50	36.60
15	35.00	39.10
16	37.50	41.60

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250SA-10KT**

PU= 10.000PCS/REEL

NOTE: ACCEPTS 250SD HOUSING

#### HOUSING:

**P/N 250SD -  $\frac{x}{1} \frac{x}{x} \frac{x}{2} H C$**

1. NO. OF CONTACTS:

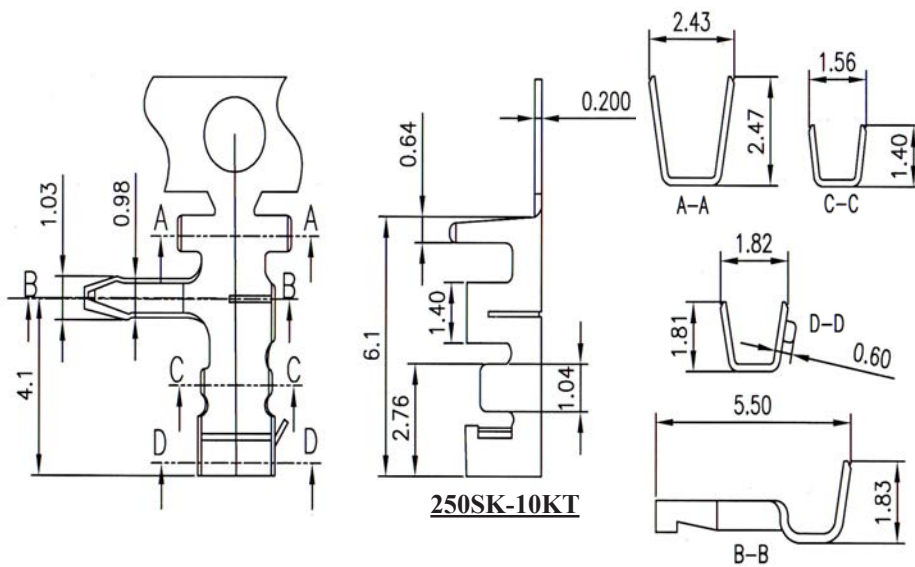
002 ~ 016

2. INSULATOR COLOR:

"C" BROWN

NOTE: ACCEPTS 250SA TERMINAL

## 2.50MM(0.098") SPACING BOARD-IN TYPE SYSTEM (3)



### SPECIFICATIONS

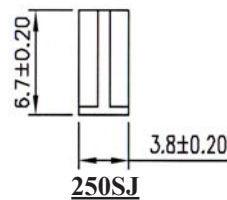
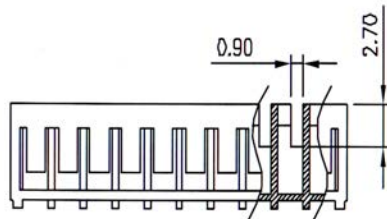
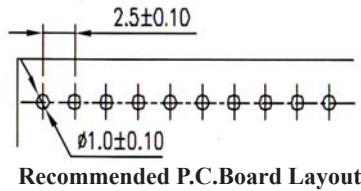
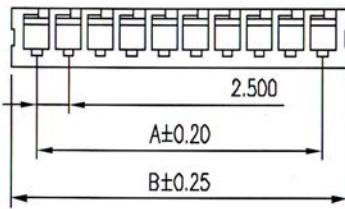
**Current Rating:** 3.0 Amp  
**Insulation Resistance:** 1000MΩ Min  
**Dielectric Withstanding:** 1000V AC  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -25°C to +85°C

### TERMINAL

Accepts AWG# 22-28 Wire Range  
**Insulation O.D.:** 1.90mm (max)  
**Material:** Phosphor Bronze/Brass  
**Finish:** Tin Plated  
**Thickness:** 0.20mm

### HOUSING

**Material:** Nylon 66, UL 94V-0  
**All materials must be RoHS compliant.**



No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	6.50
03	5.00	9.00
04	7.50	11.50
05	10.00	14.00
06	12.50	16.50
07	15.00	19.00
08	17.50	21.50
09	20.00	24.00
10	22.50	26.50
11	25.00	29.00
12	27.50	31.50
13	30.00	34.00
14	32.50	36.50
15	35.00	39.00
16	37.50	41.50

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

P/N 250SK-10KT

PU= 10.000PCS/REEL

NOTE: ACCEPTS 250SJ HOUSING

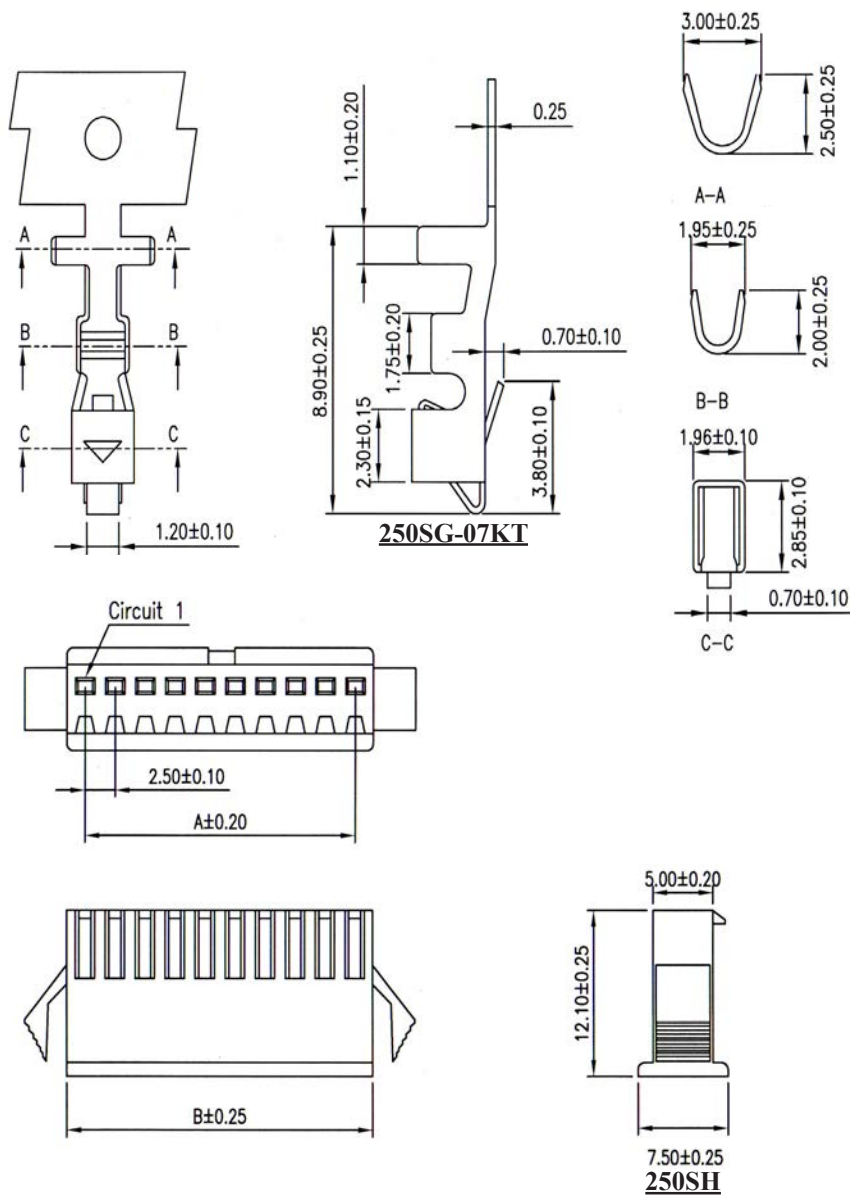
#### HOUSING:

P/N 250SJ - XXX H V  
 I

1. NO. OF CONTACTS:  
002 ~ 016
2. INSULATOR COLOR:  
"C" BROWN

NOTE: ACCEPTS 250SK TERMINAL

## 2.50MM(0.098") SPACING WIRE-TO-WIRE SYSTEM (A1)



### SPECIFICATIONS

**Current Rating:** 3.0 Amp

**Insulation Resistance:** 1000MΩ Min

**Dielectric Withstanding:** 1000V AC

**Contact Resistance:** 20mΩ Max.

**Operating Temperature:** -25°C to +85°C

### TERMINAL

Accepts AWG# 24-28 Wire Range

**Insulation O.D.:** 1.70mm (max)

**Material:** Brass

**Finish:** Tin Plated

**Thickness:** 0.25mm

### HOUSING

**Material:** Nylon 66, UL 94V-0

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	5.50
03	5.00	8.00
04	7.50	10.50
05	10.00	13.00
06	12.50	15.50
07	15.00	18.00
08	17.50	20.50
09	20.00	23.00
10	22.50	25.50
11	25.00	28.00
12	27.50	30.50

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250SG-07KT**

PU= 7.000PCS/REEL

NOTE: ACCEPTS 250SH HOUSING

#### HOUSING:

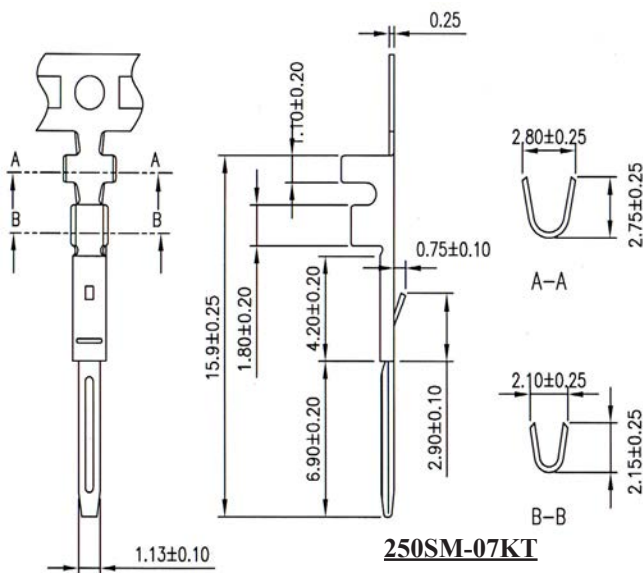
**P/N 250SH -  $\frac{X}{I} X X H B$**

1. NO. OF CONTACTS:

002 ~ 012

NOTE: ACCEPTS 250SG TERMINAL

## 2.50MM(0.098") SPACING WIRE-TO-WIRE SYSTEM (A2)



**250SM-07KT**

### SPECIFICATIONS

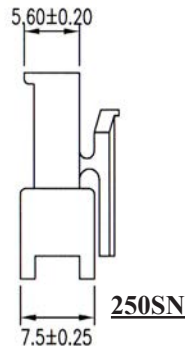
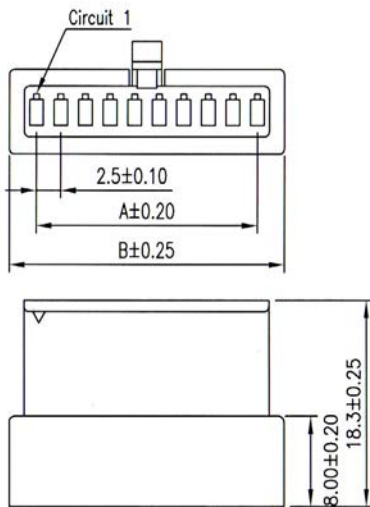
**Current Rating:** 3.0 Amp  
**Insulation Resistance:** 1000MΩ Min  
**Dielectric Withstanding:** 1000V AC  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -25°C to +85°C

### TERMINAL

Accepts AWG# 24-28 Wire Range  
**Insulation O.D.:** 1.70mm (max)  
**Material:** Brass  
**Finish:** Tin Plated  
**Thickness:** 0.25mm

### HOUSING

**Material:** Nylon 66, UL 94V-0  
**All materials must be RoHS compliant.**



**250SN**

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	8.00
03	5.00	10.50
04	7.50	13.00
05	10.00	15.50
06	12.50	18.00
07	15.00	20.50
08	17.50	23.00
09	20.00	25.50
10	22.50	28.00
11	25.00	30.50
12	27.50	33.00

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250SM-07KT**

PU= 7.000PCS/REEL

NOTE: ACCEPTS 250SN HOUSING

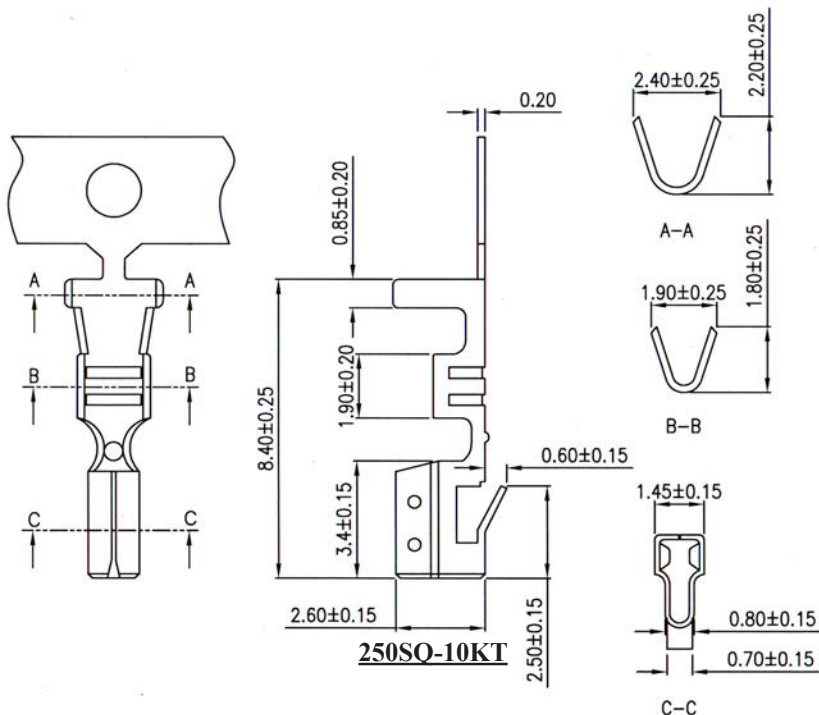
#### HOUSING:

**P/N 250SN -  $\frac{x \ x \ x}{1}$  H B**

1. NO. OF CONTACTS:  
002 ~ 012

NOTE: ACCEPTS 250SM TERMINAL

## 2.50MM(0.098") SPACING WIRE-TO-WIRE SYSTEM (B1)



### TERMINAL

Accepts AWG# 22-28 Wire Range

Insulation O.D.: 1.90mm(max)

Material: Brass & Phosphor Bronze

Finish: Tin Plated

Thickness: 0.20mm

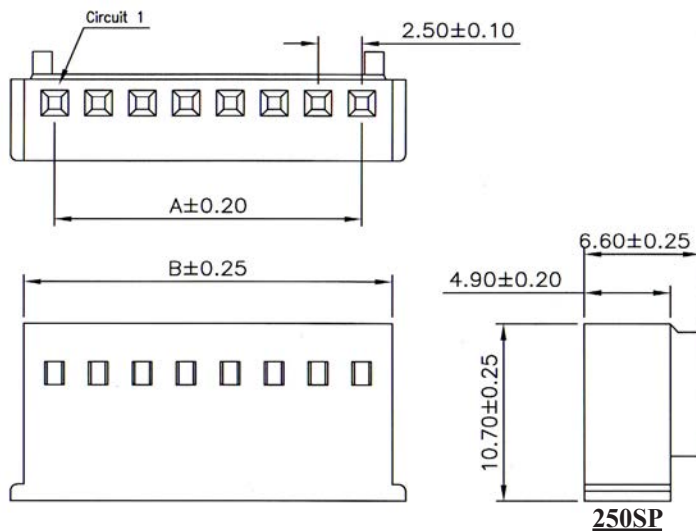
### HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

### 250SP

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	6.00
03	5.00	8.50
04	7.50	11.00
05	10.00	13.50
06	12.50	16.00
07	15.00	18.50
08	17.50	21.00
09	20.00	23.50
10	22.50	26.00
11	25.00	28.50
12	27.50	31.00



### ORDERING INFORMATION:

#### TERMINAL:

P/N 250SQ-10KT

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 250SP HOUSING

#### HOUSING:

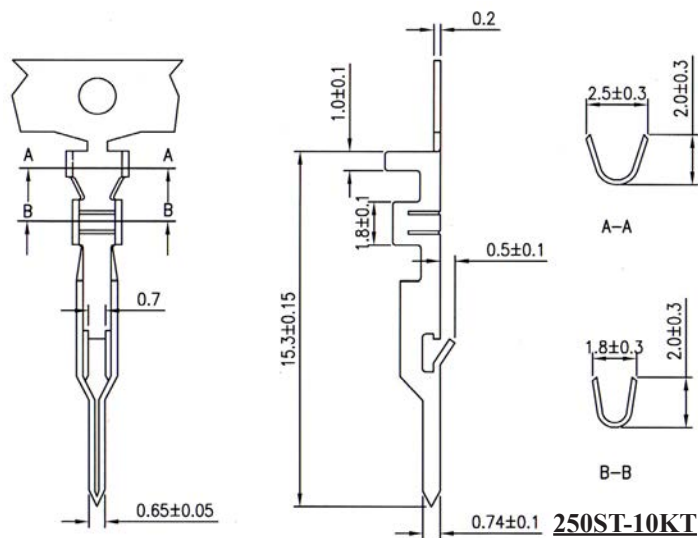
P/N 250SP-      HV

1. NO. OF CONTACTS:

002 ~ 012

NOTE: ACCEPTS 250SQ TERMINAL

## 2.50MM(0.098") SPACING WIRE-TO-WIRE SYSTEM (B2)



### TERMINAL

Accepts AWG# 22-28 Wire Range

Insulation O.D.: 1.90mm(max)

Material: Brass & Phosphor Bronze

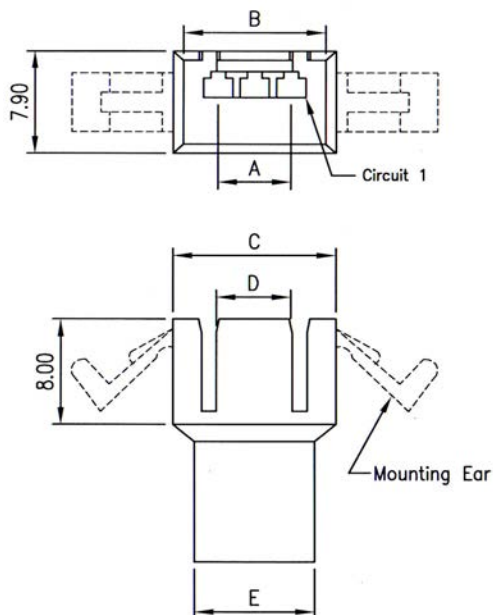
Finish: Tin Plated

Thickness: 0.20mm

### HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.



**250SE/250SF**

### 250SE/250SF

No. of Contacts	Dimensions(mm)			
	A	B	C	D
02	2.50	6.20	8.60	2.50
03	5.00	8.70	11.10	5.00
04	7.50	11.20	13.60	7.50
05	10.00	13.70	16.10	3.70
06	12.50	16.20	18.60	5.00
07	15.00	18.70	21.10	5.00
08	17.50	21.20	23.60	5.00
09	20.00	23.70	26.10	5.00
10	22.50	26.20	28.60	5.00
11	25.00	28.70	31.10	5.00
12	27.50	31.20	33.60	5.00

### ORDERING INFORMATION:

#### CRIMP TERMINAL:

**P/N 250ST-10KT**

PU = 10.000 PCS/REEL

NOTE: ACCEPTS 250SE & 250SF HOUSING

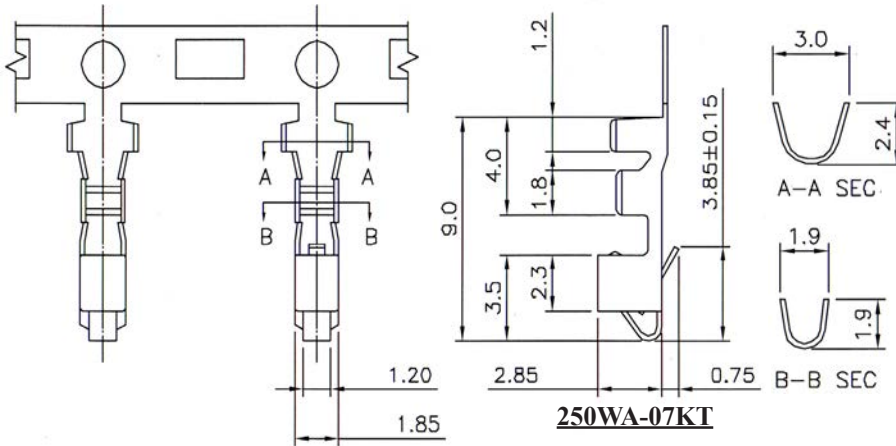
#### HOUSING:

**P/N 250  $\frac{X}{1}$  -  $\frac{X}{2}$  H V**

1. MOUNTING EAR OPTION:  
"SE" WITH MOUNTING EAR  
"SF" W/O MOUNTING EAR
2. NO. OF CONTACTS:  
002 ~ 012

NOTE: ACCEPTS 250ST TERMINAL

## 2.50MM(0.098") SPACING WIRE-TO-WIRE SYSTEM (C1)



### TERMINAL

Applicable Wires: AWG# 22-28

Material: Brass

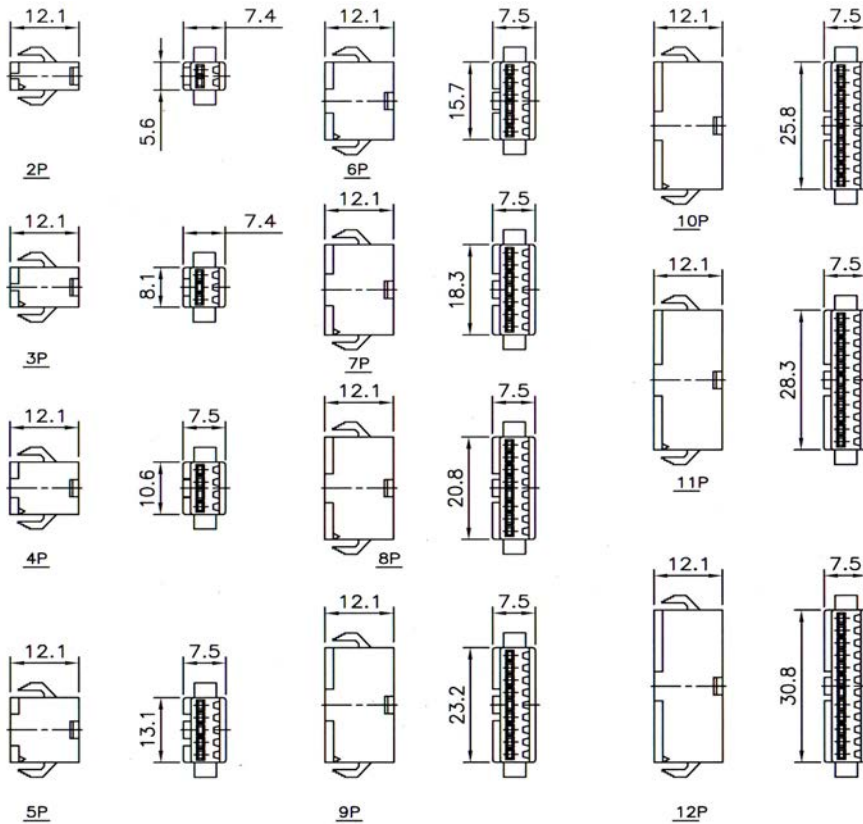
Finish: Tin Plated

Thickness: 0.20mm

### HOUSING

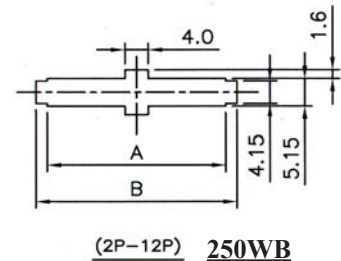
Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.



### 250WB

No. of Contacts	Dimensions(mm)	
	A	B
02	5.70	9.60
03	8.20	12.10
04	10.70	14.60
05	13.20	17.10
06	15.70	19.60
07	18.20	22.10
08	20.70	24.60
09	23.20	27.10
10	25.70	29.60
11	28.20	32.10
12	30.70	34.60
16	20.70	24.60
18	23.20	27.20



### ORDERING INFORMATION:

#### CRIMP TERMINAL:

P/N 250WA-07KT

PU = 7.000 PCS/REEL

NOTE: ACCEPTS 250WB HOUSING

#### HOUSING:

P/N 250WB -  $\frac{x \ x \ x}{1}$  H B

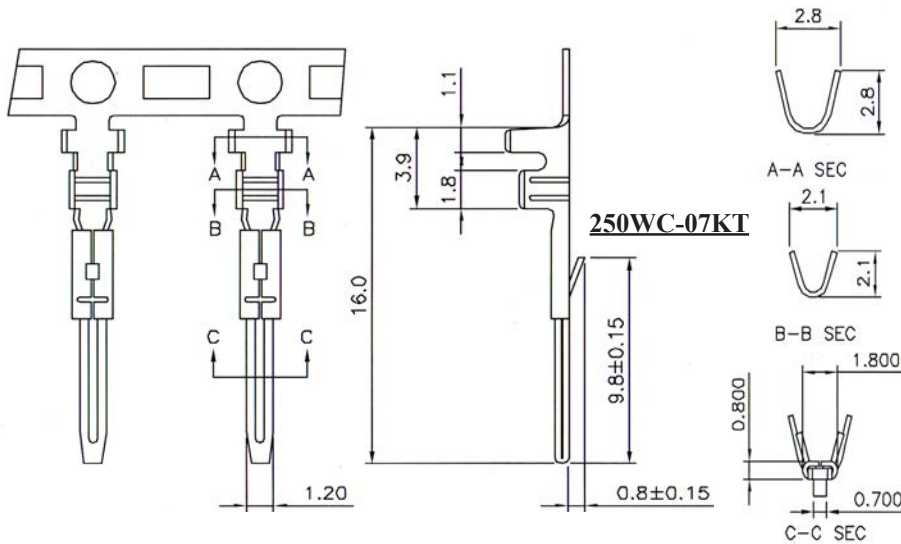
1. NO. OF CONTACTS:

002 ~ 018

NOTE: ACCEPTS 250WA TERMINAL



## 2.50MM(0.098") SPACING WIRE-TO-WIRE SYSTEM (C2)



### TERMINAL

Applicable Wires: AWG# 22-28

Material: Brass

Finish: Tin Plated

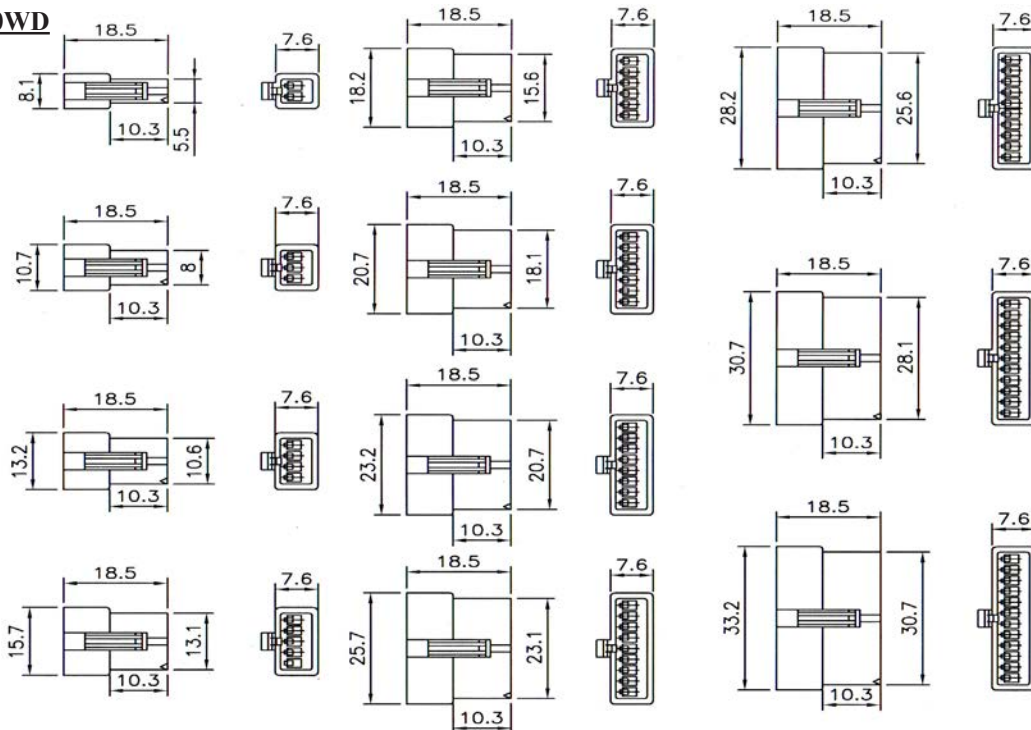
Thickness: 0.20mm

### HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

### 250WD



## ORDERING INFORMATION:

### CRIMP TERMINAL:

P/N 250WC-07KT

PU = 7.000 PCS/REEL

NOTE: ACCEPTS 250WD HOUSING

### HOUSING:

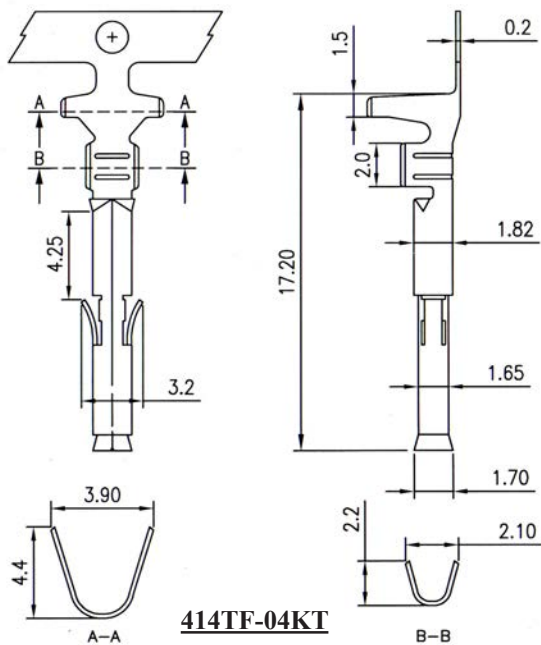
P/N 250WD - xxx HB

1. NO. OF CONTACTS:

002 ~ 012

NOTE: ACCEPTS 250WC TERMINAL

## Ø1.00MM(0.039") WIRE-TO-WIRE CRIMP TERMINAL (A1)



### SPECIFICATIONS

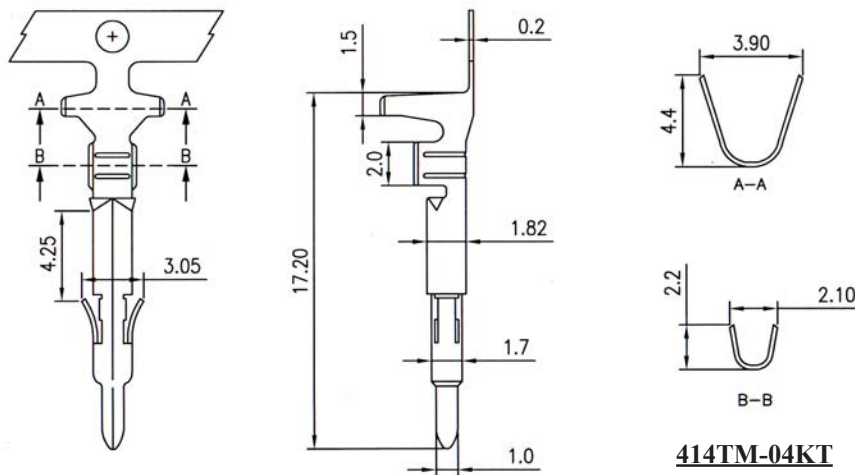
Accepts AWG# 18-22 Wire Range

**Insulation O.D.:** 3.4mm(max)

**Material:** Phosphor Bronze / Brass

**Finish:** Tin / Gold Plated

**Thickness:** 0.20mm



### ORDERING INFORMATION:

#### P/N 414TF-04KT

FEMALE CRIMP TERMINAL  
PU= 4.000PCS/REEL

NOTE: ACCEPTS 414HM & 414HN HOUSINGS

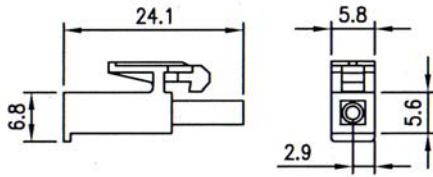
#### P/N 414TM-04KT

MALE CRIMP TERMINAL  
PU= 4.000PCS/REEL

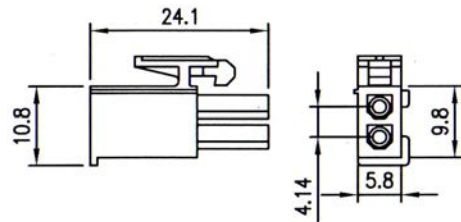
NOTE: ACCEPTS 414HF HOUSING

**Ø1.00MM WIRE 4.14MM SPACING WIRE-TO-WIRE SYSTEM (A2)**

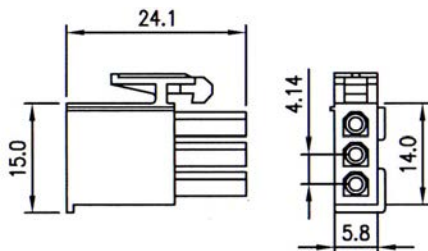
**P/N 414HF-1X1HW**



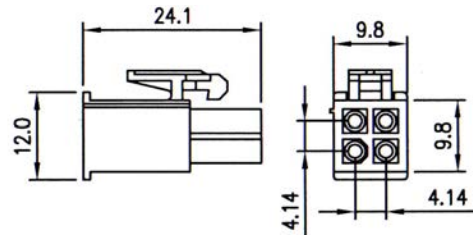
**P/N 414HF-1X2HW**



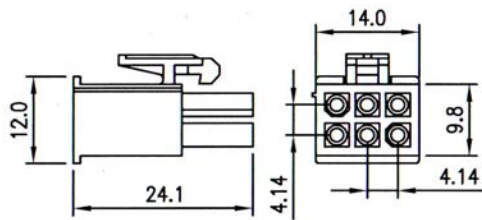
**P/N 414HF-1X3HW**



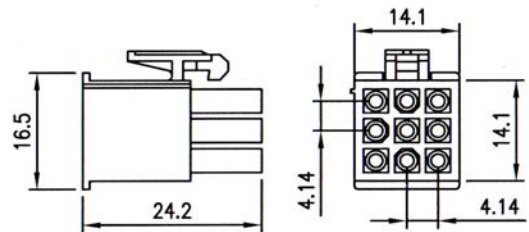
**P/N 414HF-2X2HW**



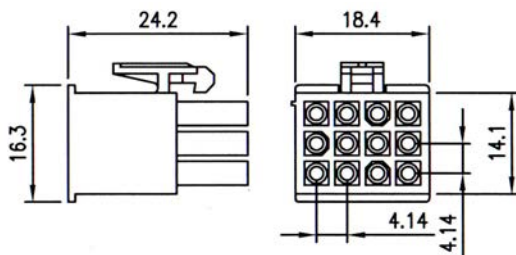
**P/N 414HF-2X3HW**



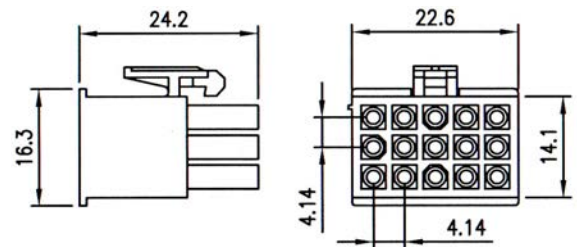
**P/N 414HF-3X3HW**



**P/N 414HF-3X4HW**



**P/N 414HF-3X5HW**



**ORDERING INFORMATION:**

**P/N 414HF - x x x H W**

NOTE: ACCEPTS 414TF TERMINAL

**SPECIFICATIONS**

**Rated Voltage:** 500V AC,DC

**Rated Current:** 3A

**Withstand Voltage:** 650V AC/minute

**Insulation Resistance:** 1000M Ω/min

**Temperature Range:** -40°C to + 105°C

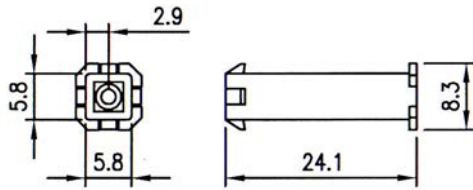
**HOUSING**

**Material:** Nylon 66, UL 94V-2

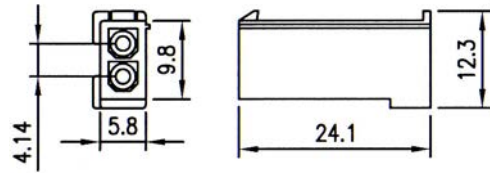
**All materials must be RoHS compliant.**

## Ø1.00MM WIRE 4.14MM SPACING WIRE-TO-WIRE SYSTEM (A3)

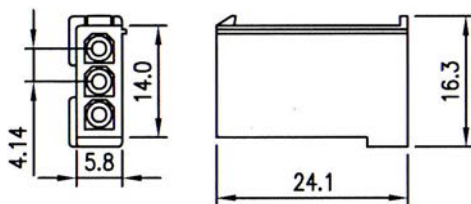
P/N 414HM-1X1HW



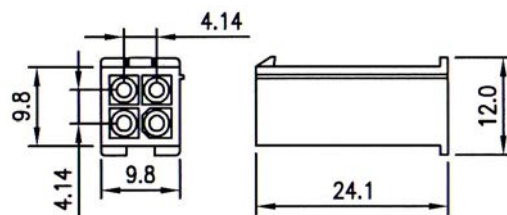
P/N 414HM-1X2HW



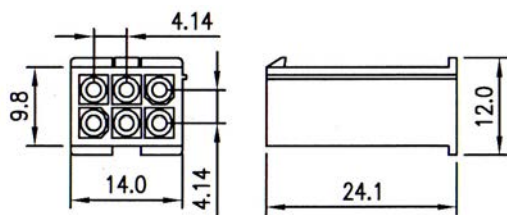
P/N 414HM-1X3HW



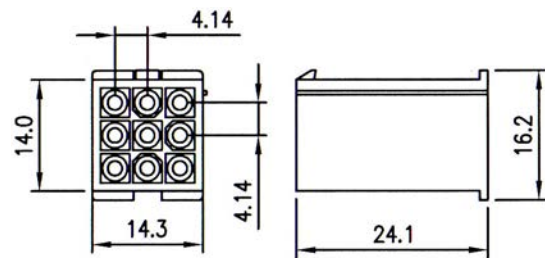
P/N 414HM-2X2HW



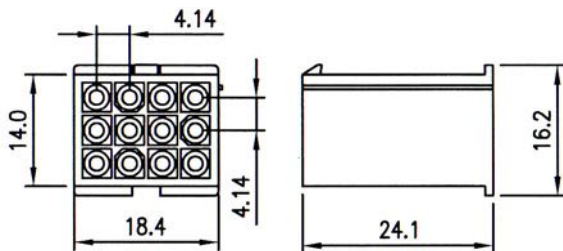
P/N 414HM-2X3HW



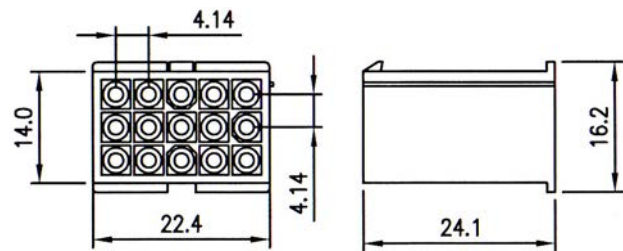
P/N 414HM-3X3HW



P/N 414HM-3X4HW



P/N 414HM-3X5HW



### ORDERING INFORMATION:

P/N 414HM - x x x H W

NOTE: ACCEPTS 414TM TERMINAL

### SPECIFICATIONS

Rated Voltage: 500V AC,DC

Rated Current: 3A

Withstand Voltage: 650V AC/minute

Insulation Resistance: 1000M Ω/min

Temperature Range: -40°C to + 105°C

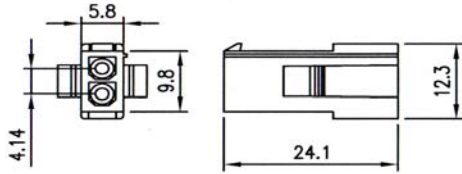
### HOUSING

Material: Nylon 66, UL 94V-2

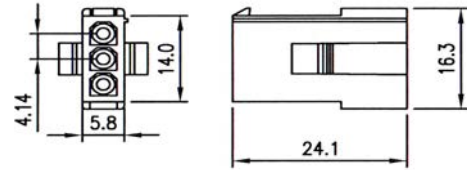
All materials must be RoHS compliant.

## Ø1.00MM WIRE 4.14MM SPACING WIRE-TO-WIRE SYSTEM (A4)

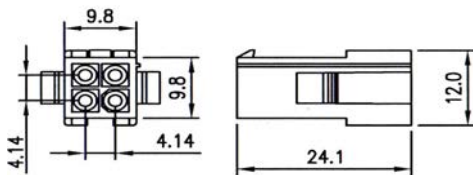
P/N 414HN-1X2HW



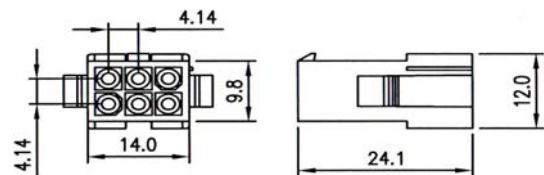
P/N 414HN-1X3HW



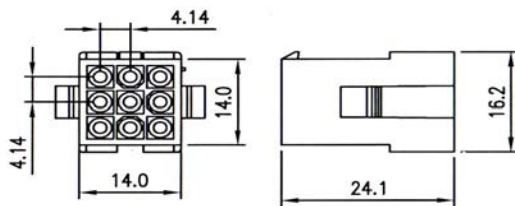
P/N 414HN-2X2HW



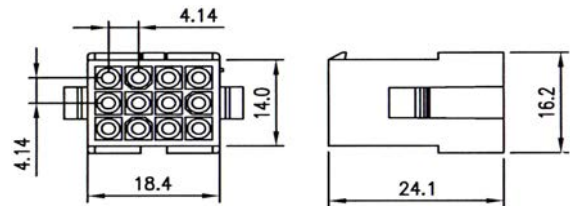
P/N 414HN-2X3HW



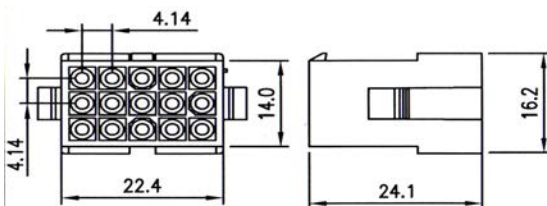
P/N 414HN-3X3HW



P/N 414HN-3X4HW



P/N 414HN-3X5HW



### ORDERING INFORMATION:

P/N 414HN - x x x H W

NOTE: ACCEPTS 414TM TERMINAL

### SPECIFICATIONS

Rated Voltage: 500V AC,DC

Rated Current: 3A

Withstand Voltage: 650V AC/minute

Insulation Resistance: 1000M Ω/min

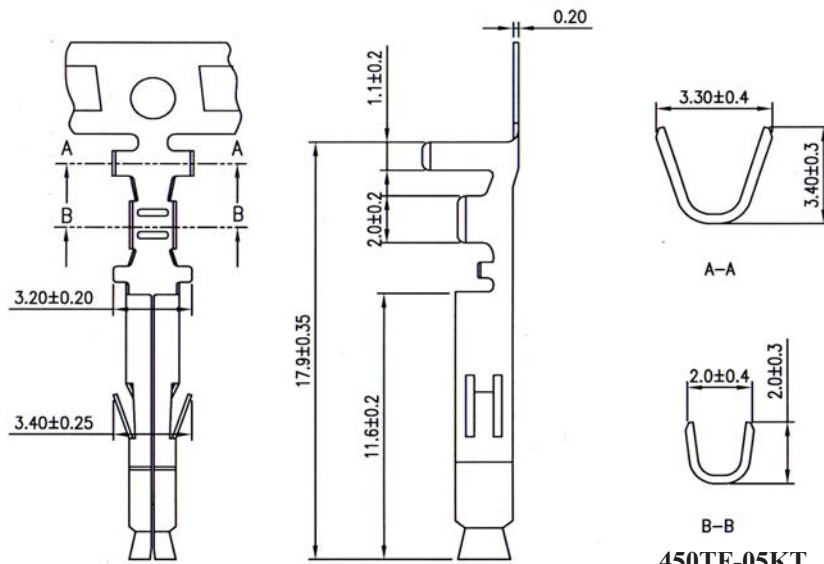
Temperature Range: -40°C to + 105°C

### HOUSING

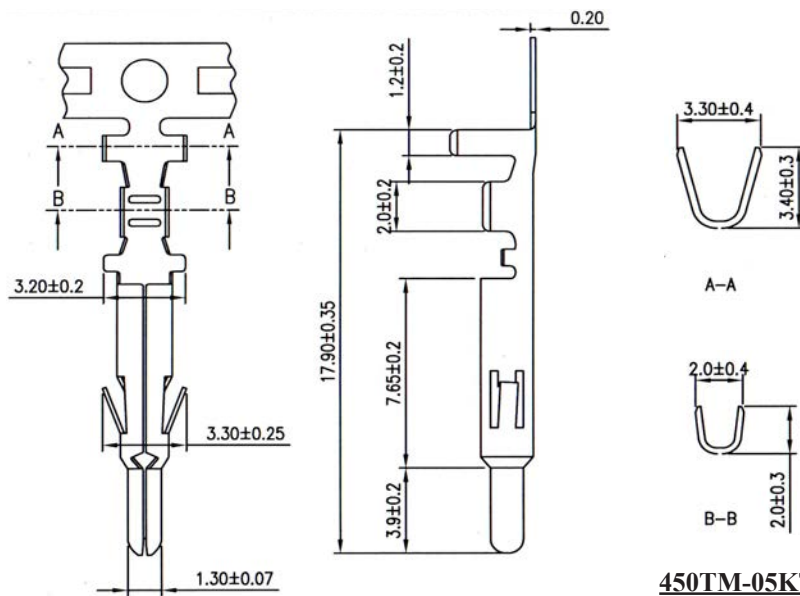
Material: Nylon 66, UL 94V-2

All materials must be RoHS compliant.

## Ø1.30MM(0.051") WIRE-TO-WIRE CRIMP TERMINAL (B1)



**450TF-05KT**



**450TM-05KT**

### SPECIFICATIONS

Accepts AWG# 18-22 Wire Range

Insulation O.D.: 2.7mm(max)

Material: Brass

Finish: Tin Plated

Thickness: 0.20mm

### ORDERING INFORMATION:

#### P/N 450TF-07KT

FEMALE CRIMP TERMINAL  
PU= 7.000PCS/REEL

NOTE: ACCEPTS 450HF HOUSING

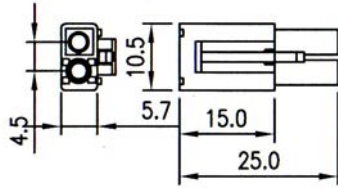
#### P/N 450TM-07KT

MALE CRIMP TERMINAL  
PU= 7.000PCS/REEL

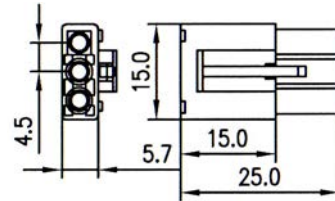
NOTE: ACCEPTS 450HM & 450HN HOUSINGS

## Ø1.30MM WIRE 4.50MM SPACING WIRE-TO-WIRE SYSTEM (B2)

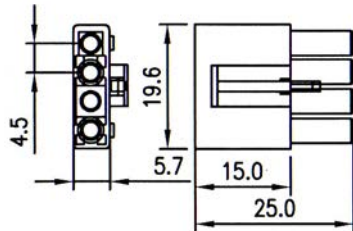
P/N 450HF-1X2HW



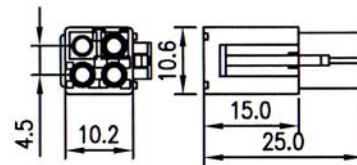
P/N 450HF-1X3HW



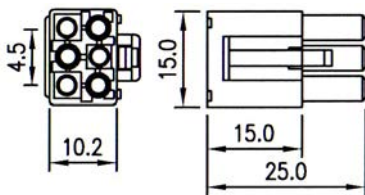
P/N 450HF-1X4HW



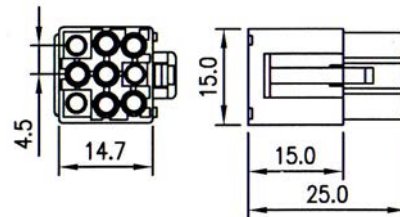
P/N 450HF-2X2HW



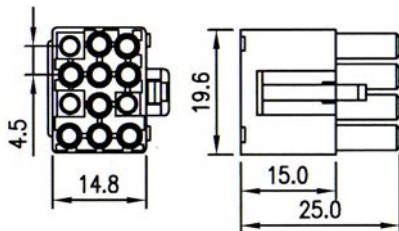
P/N 450HF-2X3HW



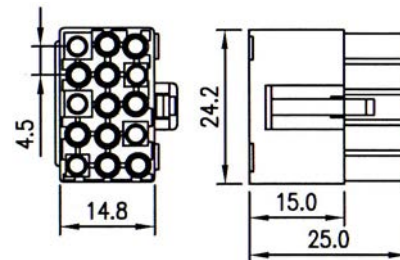
P/N 450HF-3X3HW



P/N 450HF-3X4HW



P/N 450HF-3X5HW



### ORDERING INFORMATION:

P/N 450HF - x x x H W

NOTE: ACCEPTS 450TF TERMINAL

### SPECIFICATIONS

Rated Voltage: 300V AC,DC

Rated Current: 6A

Withstand Voltage: 1500V AC/minute

Insulation Resistance: 1000M Ω/min

Temperature Range: -25°C to + 85°C

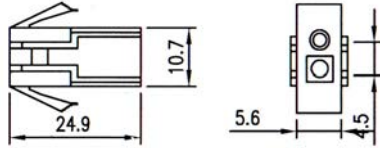
### HOUSING

Material: Nylon 66, UL 94V-0

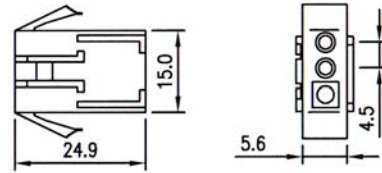
All materials must be RoHS compliant.

## Ø1.30MM WIRE 4.50MM SPACING WIRE-TO-WIRE SYSTEM (B3)

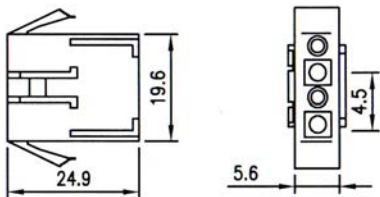
P/N 450HM-1X2HW



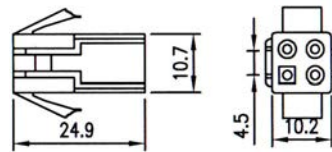
P/N 450HM-1X3HW



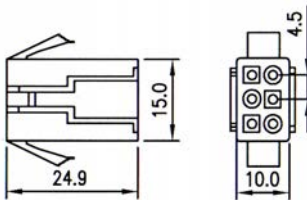
P/N 450HM-1X4HW



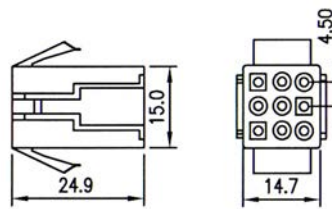
P/N 450HM-2X2HW



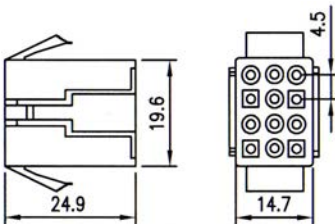
P/N 450HM-2X3HW



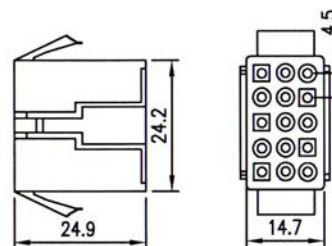
P/N 450HM-3X3HW



P/N 450HM-3X4HW



P/N 450HM-3X5HW



### ORDERING INFORMATION:

P/N 450HM - x x x H W

NOTE: ACCEPTS 450TM TERMINAL

### SPECIFICATIONS

Rated Voltage: 300V AC,DC

Rated Current: 6A

Withstand Voltage: 1500V AC/minute

Insulation Resistance: 1000M Ω/min

Temperature Range: -25°C to +85°C

### HOUSING

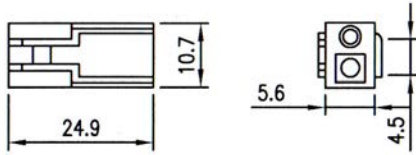
Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

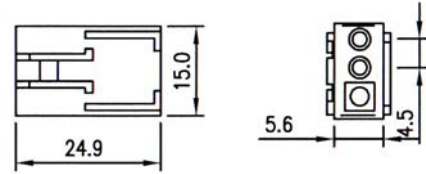


## Ø1.30MM WIRE 4.50MM SPACING WIRE-TO-WIRE SYSTEM (B4)

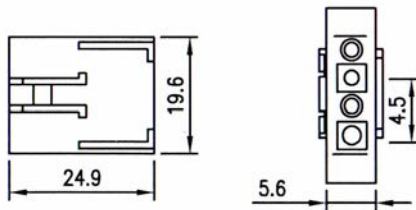
P/N 450HN-1X2HW



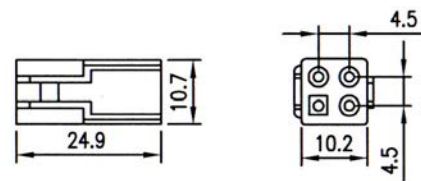
P/N 450HN-1X3HW



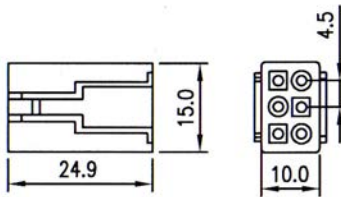
P/N 450HN-1X4HW



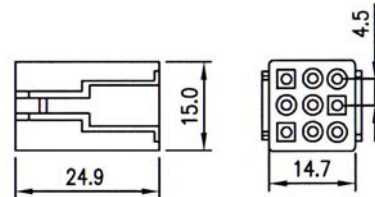
P/N 450HN-2X2HW



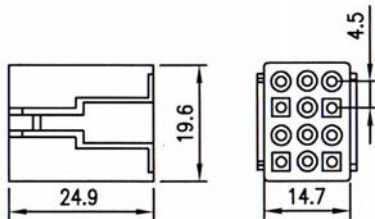
P/N 450HN-2X3HW



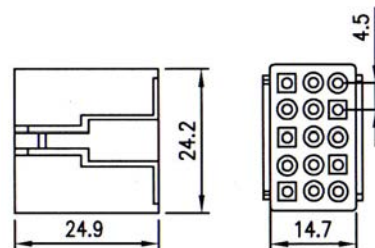
P/N 450HN-3X3HW



P/N 450HN-3X4HW



P/N 450HN-3X5HW



### ORDERING INFORMATION:

P/N 450HN - x x x H W

NOTE: ACCEPTS 450TM TERMINAL

### SPECIFICATIONS

Rated Voltage: 300V AC,DC

Rated Current: 6A

Withstand Voltage: 1500V AC/minute

Insulation Resistance: 1000M Ω/min

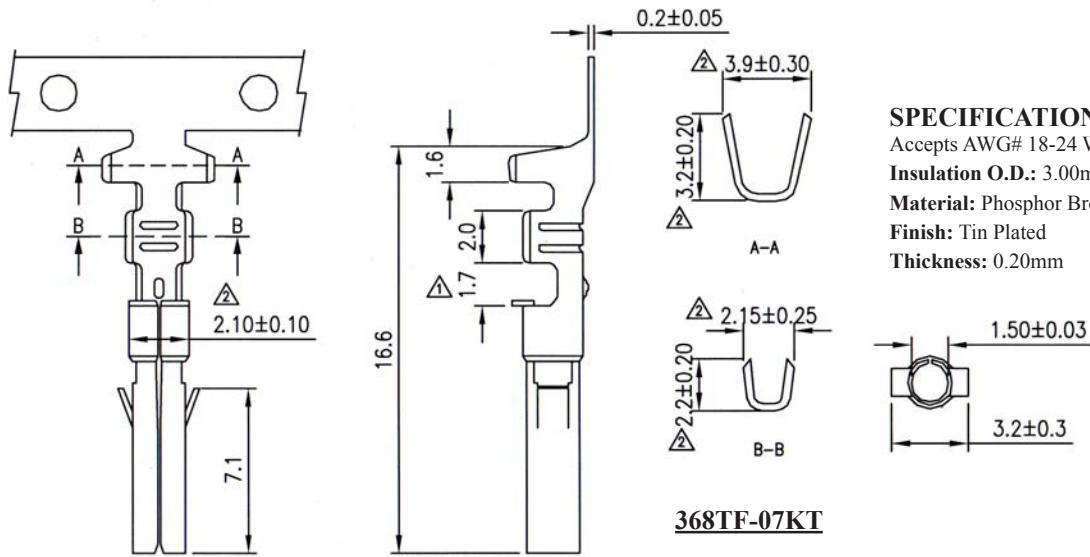
Temperature Range: -25°C to +85°C

### HOUSING

Material: Nylon 66, UL 94V-0

All materials must be RoHS compliant.

## Ø1.58MM(0.062") WIRE-TO-WIRE CRIMP TERMINAL (C1)



### SPECIFICATIONS

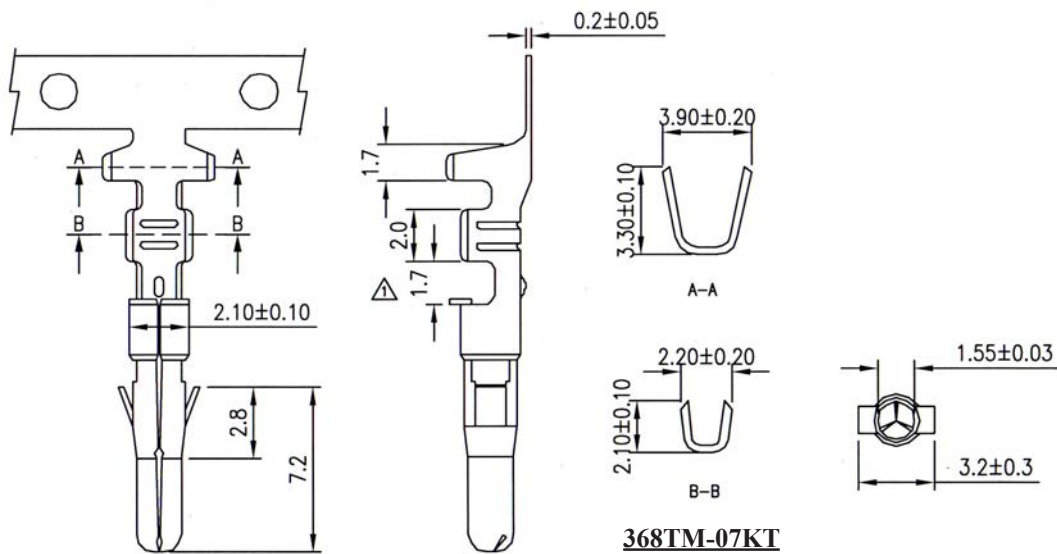
Accepts AWG# 18-24 Wire Range

**Insulation O.D.:** 3.00mm(max)

**Material:** Phosphor Bronze & Brass

**Finish:** Tin Plated

**Thickness:** 0.20mm



### ORDERING INFORMATION:

#### P/N 368TF-07KT

FEMALE CRIMP TERMINAL  
PU= 7.000PCS/REEL

NOTE: ACCEPTS 368HF, 368HG &  
480HF HOUSINGS

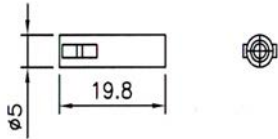
#### P/N 368TM-07KT

MALE CRIMP TERMINAL  
PU= 7.000PCS/REEL

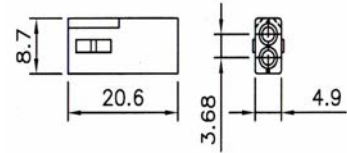
NOTE: ACCEPTS 368HM, 368HN &  
480HM HOUSINGS

## Ø1.58MM WIRE 3.68MM SPACING WIRE-TO-WIRE SYSTEM (C2)

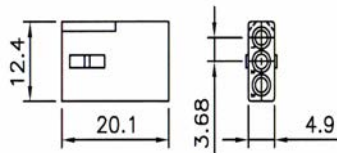
**P/N 368HF-1X1HW**



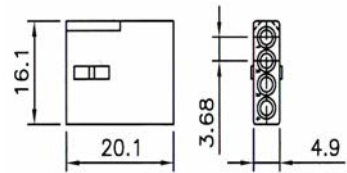
**P/N 368HF-1X2HW**



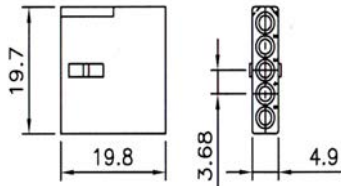
**P/N 368HF-1X3HW**



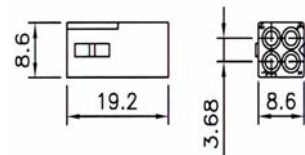
**P/N 368HF-1X4HW**



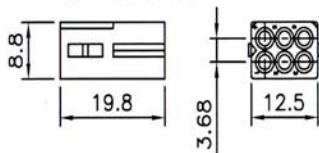
**P/N 368HF-1X5HW**



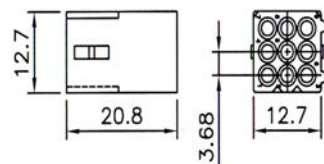
**P/N 368HF-2X2HW**



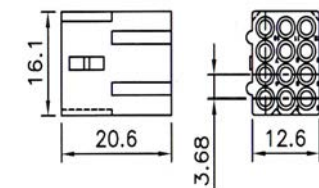
**P/N 368HF-2X3HW**



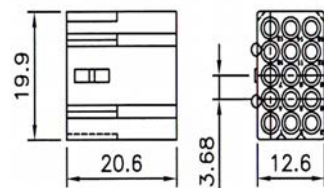
**P/N 368HF-3X3HW**



**P/N 368HF-3X4HW**



**P/N 368HF-3X5HW**



### ORDERING INFORMATION:

**P/N 3 6 8 H F - x x x H W**

NOTE: ACCEPTS 368TF TERMINAL

### SPECIFICATIONS

**Rated Voltage:** 250V AC,DC

**Rated Current:** 6A

**Withstand Voltage:** 1500V AC/minute

**Insulation Resistance:** 1000M Ω/min


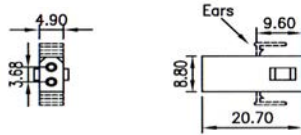
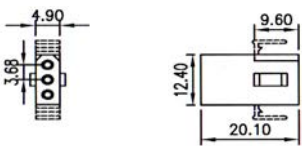
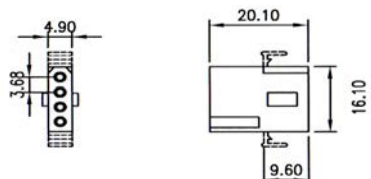
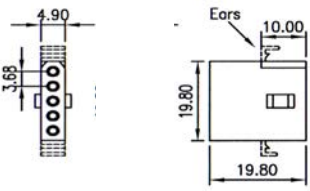
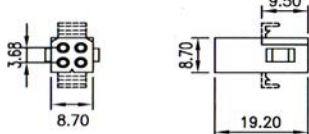
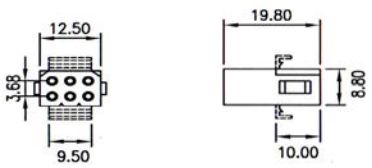
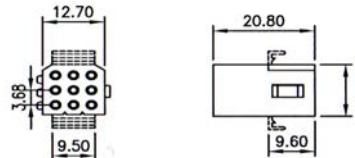
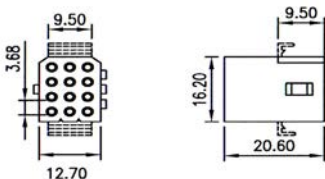
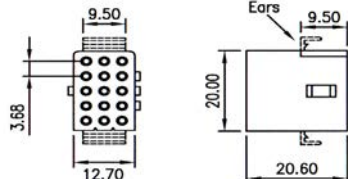
**Temperature Range:** -25°C to + 85°C

### HOUSING

**Material:** Nylon 66, UL 94V-2

All materials must be RoHS compliant.

## Ø1.58MM WIRE 3.68MM SPACING WIRE-TO-WIRE SYSTEM (C3)

<p><b>P/N 368HG-1X1HW</b></p> 	<p><b>P/N 368HG-1X2HW</b></p> 
<p><b>P/N 368HG-1X3HW</b></p> 	<p><b>P/N 368HG-1X4HW</b></p> 
<p><b>P/N 368HG-1X5HW</b></p> 	<p><b>P/N 368HG-2X2HW</b></p> 
<p><b>P/N 368HG-2X3HW</b></p> 	<p><b>P/N 368HG-3X3HW</b></p> 
<p><b>P/N 368HG-3X4HW</b></p> 	<p><b>P/N 368HG-3X5HW</b></p> 

### ORDERING INFORMATION:

**P/N 368HG - x x x H W**

NOTE: ACCEPTS 368TF TERMINAL WITH EARS ONLY

### SPECIFICATIONS

**Rated Voltage:** 250V AC,DC

**Rated Current:** 6A

**Withstand Voltage:** 1500V AC/minute

**Insulation Resistance:** 1000M Ω/min

**Temperature Range:** -25°C to + 85°C

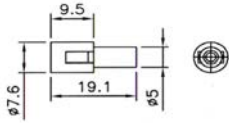
### HOUSING

**Material:** Nylon 66, UL 94V-2

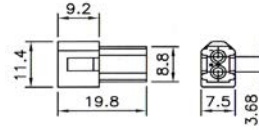
All materials must be RoHS compliant.

## Ø1.58MM WIRE 3.68MM SPACING WIRE-TO-WIRE SYSTEM (C4)

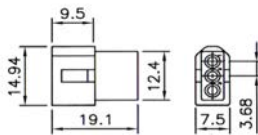
**P/N 368HM-1X1HW**



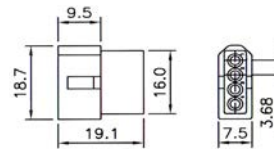
**P/N 368HM-1X2HW**



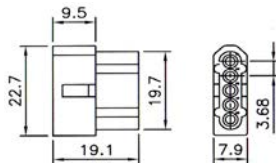
**P/N 368HM-1X3HW**



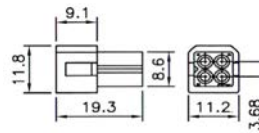
**P/N 368HM-1X4HW**



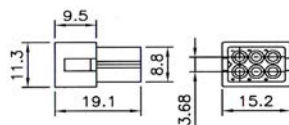
**P/N 368HM-1X5HW**



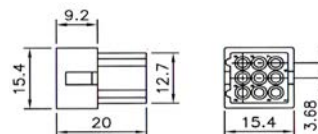
**P/N 368HM-2X2HW**



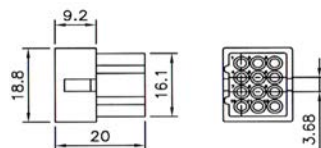
**P/N 368HM-2X3HW**



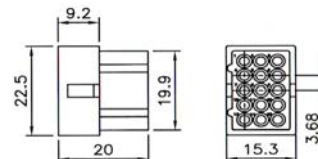
**P/N 368HM-3X3HW**



**P/N 368HM-3X4HW**



**P/N 368HM-3X5HW**



### ORDERING INFORMATION:

**P/N 3 6 8 H M - x x x H W**

NOTE: ACCEPTS 368TM TERMINAL

### SPECIFICATIONS

**Rated Voltage:** 250V AC,DC

**Rated Current:** 6A

**Withstand Voltage:** 1500V AC/minute

**Insulation Resistance:** 1000M Ω/min

**Temperature Range:** -25°C to + 85°C

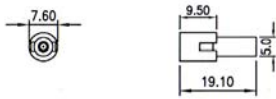
### HOUSING

**Material:** Nylon 66, UL 94V-2

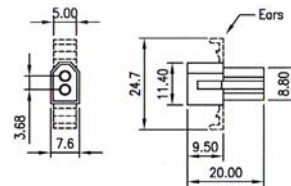
All materials must be RoHS compliant.

## Ø1.58MM WIRE 3.68MM SPACING WIRE-TO-WIRE SYSTEM (C5)

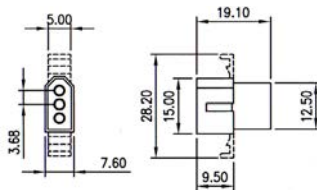
**P/N 368HN-1X1HW**



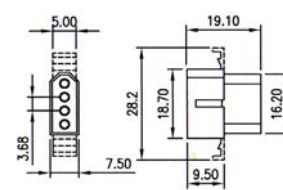
**P/N 368HN-1X2HW**



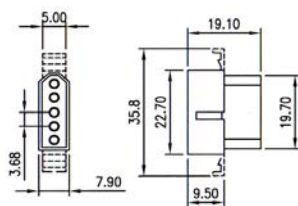
**P/N 368HN-1X3HW**



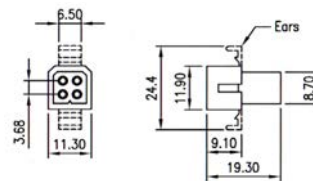
**P/N 368HN-1X4HW**



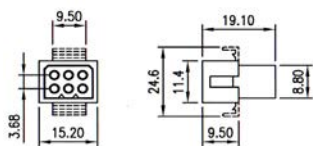
**P/N 368HN-1X5HW**



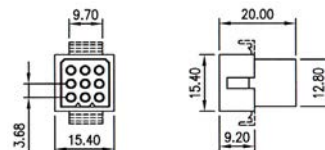
**P/N 368HN-2X2HW**



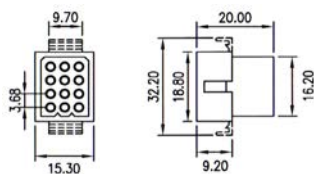
**P/N 368HN-2X3HW**



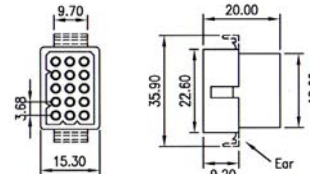
**P/N 368HN-3X3HW**



**P/N 368HN-3X4HW**



**P/N 368HN-3X5HW**



### ORDERING INFORMATION:

**P/N 3 6 8 H N - x x x H W**

NOTE: ACCEPTS 368TM TERMINAL WITH EARS ONLY

### SPECIFICATIONS

**Rated Voltage:** 250V AC,DC

**Rated Current:** 6A

**Withstand Voltage:** 1500V AC/minute

**Insulation Resistance:** 1000M Ω/min

**Temperature Range:** -25°C to + 85°C

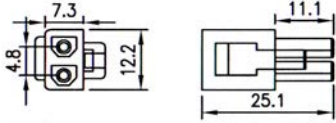
### HOUSING

**Material:** Nylon 66, UL 94V-2

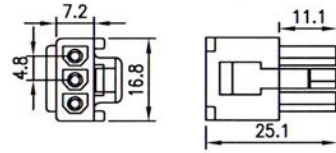
All materials must be RoHS compliant.

## Ø1.58MM WIRE 4.80MM SPACING WIRE-TO-WIRE SYSTEM (C6)

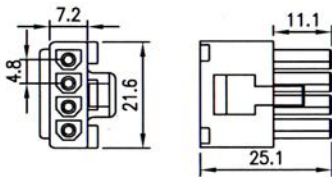
**P/N 480HF-1X2HW**



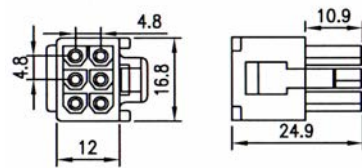
**P/N 480HF-1X3HW**



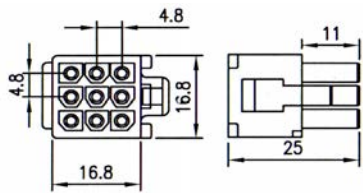
**P/N 480HF-1X4HW**



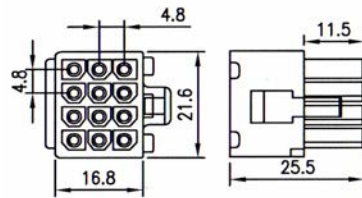
**P/N 480HF-2X3HW**



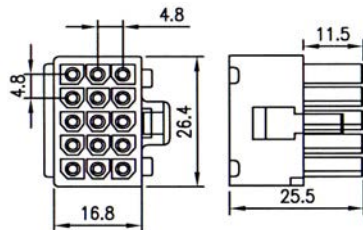
**P/N 480HF-3X3HW**



**P/N 480HF-3X4HW**



**P/N 480HF-3X5HW**



### ORDERING INFORMATION:

**P/N 480HF - x x x HW**

NOTE: ACCEPTS 368TF TERMINAL

### SPECIFICATIONS

**Rated Voltage:** 250V AC,DC

**Rated Current:** 6A

**Withstand Voltage:** 1500V AC/minute

**Insulation Resistance:** 1000M Ω/min

**Temperature Range:** -25°C to + 85°C

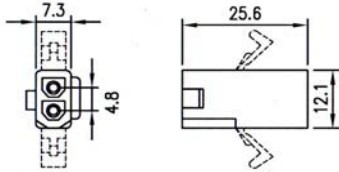
### HOUSING

**Material:** Nylon 66, UL 94V-2

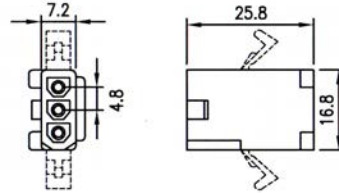
**All materials must be RoHS compliant.**

## Ø1.58MM WIRE 4.80MM SPACING WIRE-TO-WIRE SYSTEM (C7)

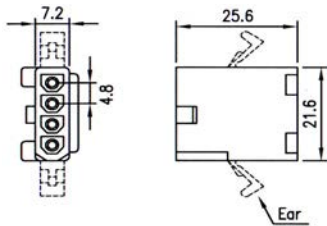
**P/N 480HM-1X2HW  
480HN-1X2HW**



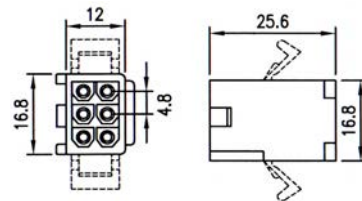
**P/N 480HM-1X3HW  
480HN-1X3HW**



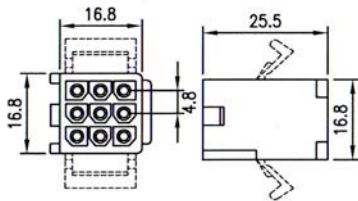
**P/N 480HM-1X4HW  
480HN-1X4HW**



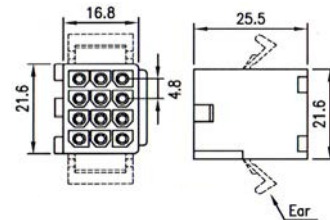
**P/N 480HM-2X3HW  
480HN-2X3HW**



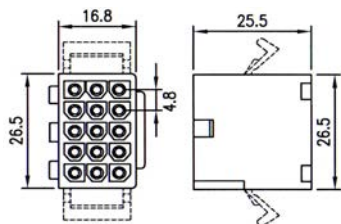
**P/N 480HM-3X3HW  
480HN-3X3HW**



**P/N 480HM-3X4HW  
480HN-3X4HW**



**P/N 480HM-3X5HW  
480HN-3X5HW**



### ORDERING INFORMATION:

**P/N 480HM - x x x HW (WITH EARS)**

**P/N 480HN - x x x HW (W/O EARS)**

NOTE: ACCEPTS 368TM TERMINAL

### SPECIFICATIONS

**Rated Voltage:** 250V AC,DC

**Rated Current:** 6A

**Withstand Voltage:** 1500V AC/minute

**Insulation Resistance:** 1000M Ω/min

**Temperature Range:** -25°C to +85°C

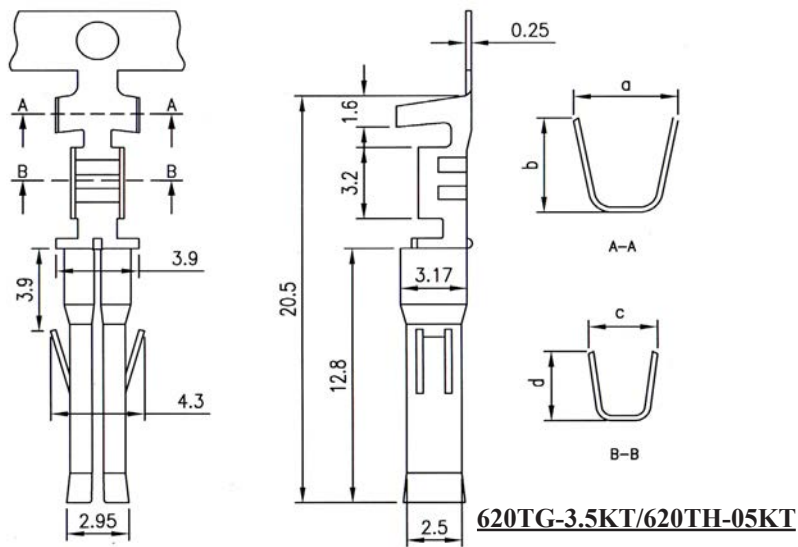
### HOUSING

**Material:** Nylon 66, UL 94V-2

**All materials must be RoHS compliant.**



## Ø2.00MM(0.079") WIRE-TO-WIRE CRIMP TERMINAL (D1)

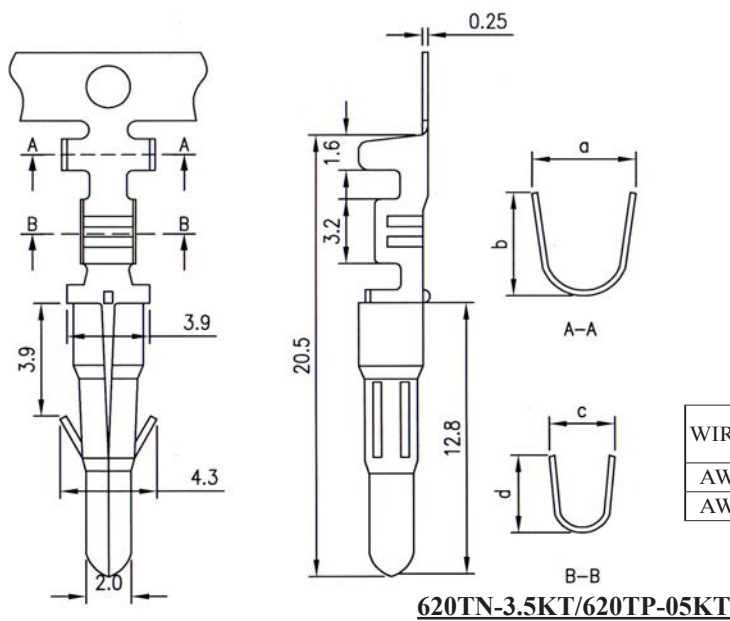


### SPECIFICATIONS

Material: Phosphor Bronze or Brass

Finish: Tin Plated

Thickness: 0.25mm



WIRE RANGE	WIRE RANGE				INSULATION O.D.(mm)
	A	B	C	D	
AWG# 14-18	4.8	4.7	3.0	3.5	3.4(MAX)
AWG# 20-24	3.8	3.2	2.4	2.3	2.7(MAX)

### ORDERING INFORMATION:

#### P/N 620TG-3.5KT

FEMALE CRIMP TERMINAL  
FOR AWG# 14-18 WIRES  
PU= 3.500PCS/REEL

NOTE: ACCEPTS 700HF HOUSING

#### P/N 620TH-05KT

FEMALE CRIMP TERMINAL  
FOR AWG# 20-24 WIRES  
PU= 5.000PCS/REEL

NOTE: ACCEPTS 700HF HOUSING

#### P/N 620TN-3.5KT

MALE CRIMP TERMINAL  
FOR AWG# 14-18 WIRES  
PU= 3.500PCS/REEL

NOTE: ACCEPTS 700HM HOUSING

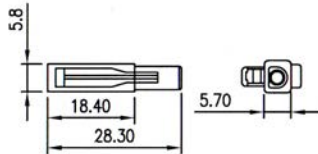
#### P/N 620TP-05KT

MALE CRIMP TERMINAL  
FOR AWG# 20-24 WIRES  
PU= 5.000PCS/REEL

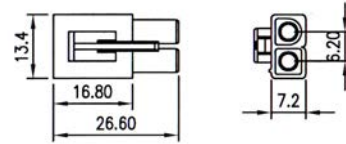
NOTE: ACCEPTS 700HM HOUSING

## Ø2.00MM WIRE 6.20MM SPACING WIRE-TO-WIRE SYSTEM (D2)

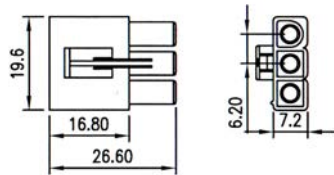
**P/N 620HF-1X1HW**



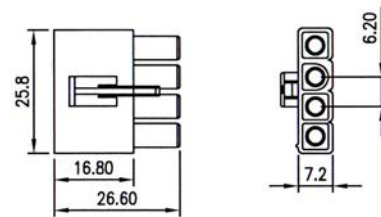
**P/N 620HF-1X2HW**



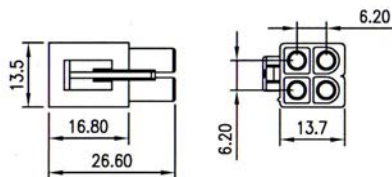
**P/N 620HF-1X3HW**



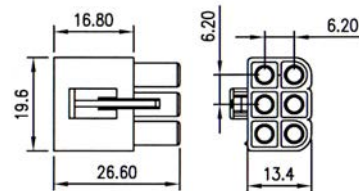
**P/N 620HF-1X4HW**



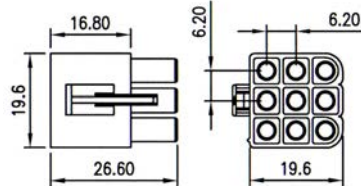
**P/N 620HF-2X2HW**



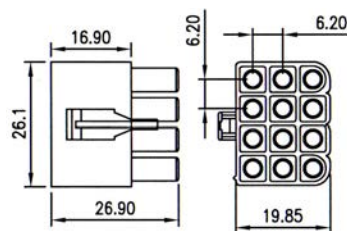
**P/N 620HF-2X3HW**



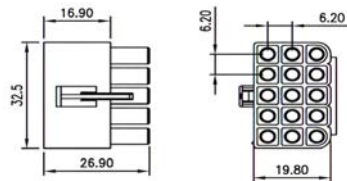
**P/N 620HF-3X3HW**



**P/N 620HF-3X4HW**



**P/N 620HF-3X5HW**



### ORDERING INFORMATION:

**P/N 620HF - x x x H W**

NOTE: ACCEPTS 620TG & 620TH TERMINALS

### SPECIFICATIONS

**Rated Voltage:** 250V AC,DC

**Rated Current:** 7A

**Withstand Voltage:** 1500V AC/minute

**Insulation Resistance:** 1000M Ω/min

**Temperature Range:** -25°C to + 85°C

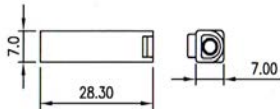
### HOUSING

**Material:** Nylon 66, UL 94V-2

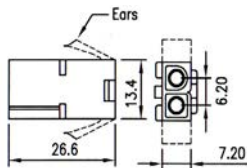
All materials must be RoHS compliant.

## Ø2.00MM WIRE 6.20MM SPACING WIRE-TO-WIRE SYSTEM (D3)

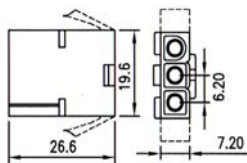
P/N 620HN-1X1HW



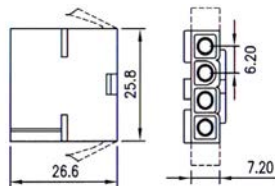
P/N 620HM-1X2HW  
620HN-1X2HW



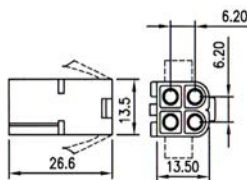
P/N 620HM-1X3HW  
620HN-1X3HW



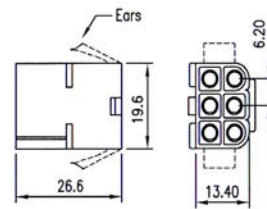
P/N 620HM-1X4HW  
620HN-1X4HW



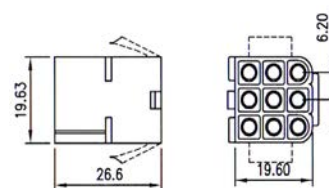
P/N 620HM-2X2HW  
620HN-2X2HW



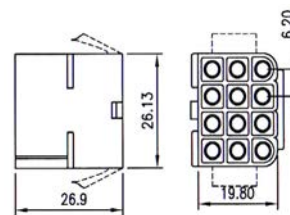
P/N 620HM-2X3HW  
620HN-2X3HW



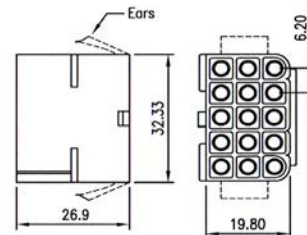
P/N 620HM-3X3HW  
620HN-3X3HW



P/N 620HM-3X4HW  
620HN-3X4HW



P/N 620HM-3X5HW  
620HN-3X5HW



### ORDERING INFORMATION:

P/N 6 2 0 H M - x x x H W (WITH EARS)

P/N 6 2 0 H N - x x x H W (W/O EARS)

NOTE: ACCEPTS 620TN & 620TP TERMINALS

### SPECIFICATIONS

Rated Voltage: 250V AC,DC

Rated Current: 7A

Withstand Voltage: 1500V AC/minute

Insulation Resistance: 1000M Ω/min

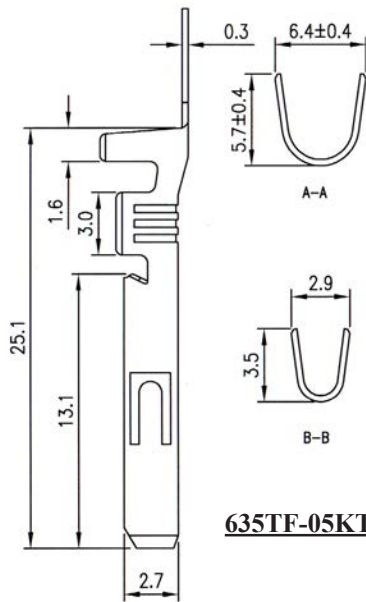
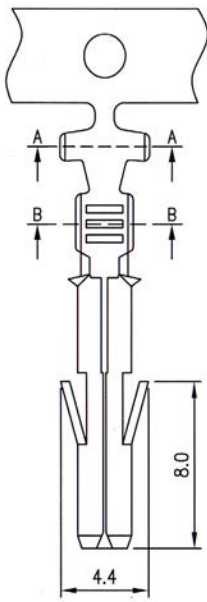
Temperature Range: -25°C to + 85°C

### HOUSING

Material: Nylon 66, UL 94V-2

All materials must be RoHS compliant.

## Ø2.10MM(0.082") WIRE-TO-WIRE FEMALE CRIMP TERMINAL (E1)



**635TF-05KT**

### **635TF-05KT** **TERMINAL**

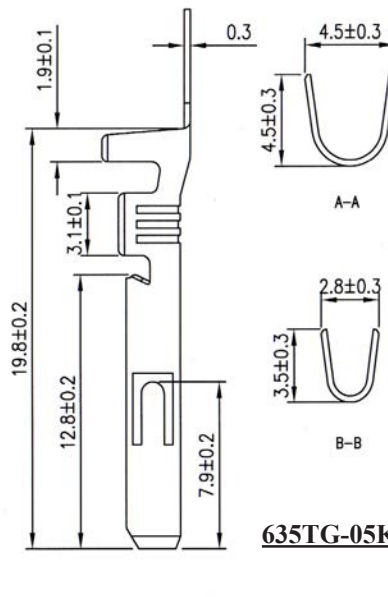
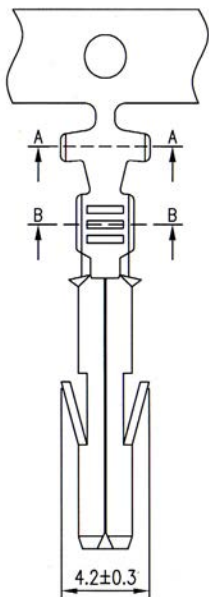
Accepts AWG# 12-14 Wire Range  
**Insulation O.D.:** 3.50mm(max)  
**Material:** Brass  
**Finish:** Tin Plated  
**Thickness:** 0.30mm

### **635TG-05KT** **TERMINAL**

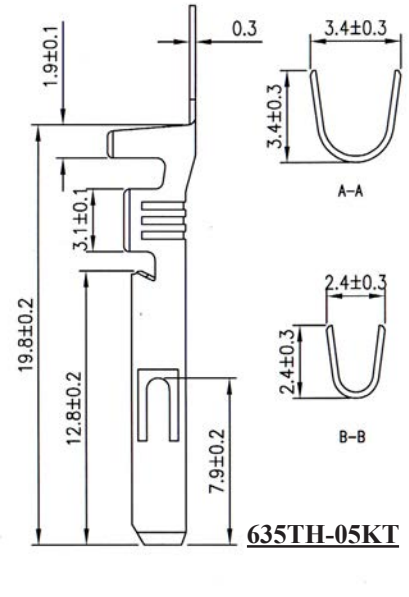
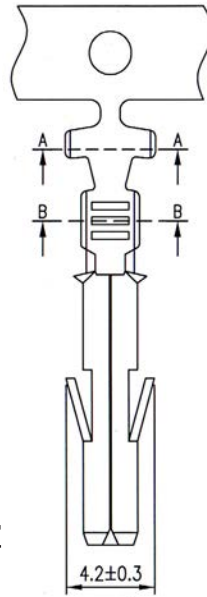
Accepts AWG# 16-20 Wire Range  
**Insulation O.D.:** 3.30mm(max)  
**Material:** Brass or Phosphor Bronze  
**Finish:** Tin Plated  
**Thickness:** 0.30mm

### **635TH-05KT** **TERMINAL**

Accepts AWG# 18-22 Wire Range  
**Insulation O.D.:** 2.50mm(max)  
**Material:** Brass or Phosphor Bronze  
**Finish:** Tin Plated  
**Thickness:** 0.30mm



**635TG-05KT**



**635TH-05KT**

### ORDERING INFORMATION:

#### **P/N 635TF-2.5KT**

FEMALE CRIMP TERMINAL  
 FOR AWG# 12-14 WIRES  
 PU= 2500PCS/REEL

NOTE: ACCEPTS 635HF HOUSING

#### **P/N 635TG-05KT**

FEMALE CRIMP TERMINAL  
 FOR AWG# 16-20 WIRES  
 PU= 5.000PCS/REEL

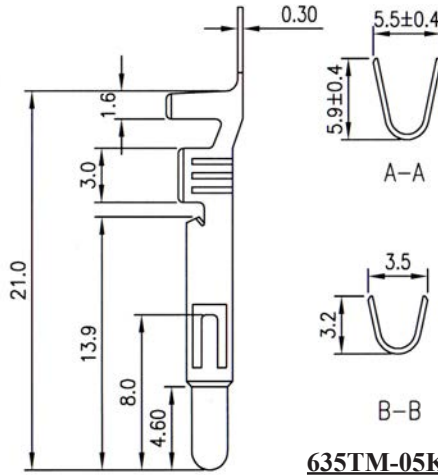
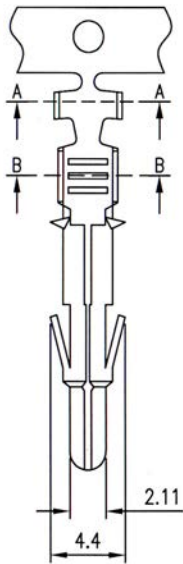
NOTE: ACCEPTS 635HF HOUSING

#### **P/N 635TH-05KT**

FEMALE CRIMP TERMINAL  
 FOR AWG# 18-22 WIRES  
 PU= 5.000PCS/REEL

NOTE: ACCEPTS 635HF HOUSING

## Ø2.10MM(0.082") WIRE-TO-WIRE MALE CRIMP TERMINAL (E2)



### **635TM-05KT** **TERMINAL**

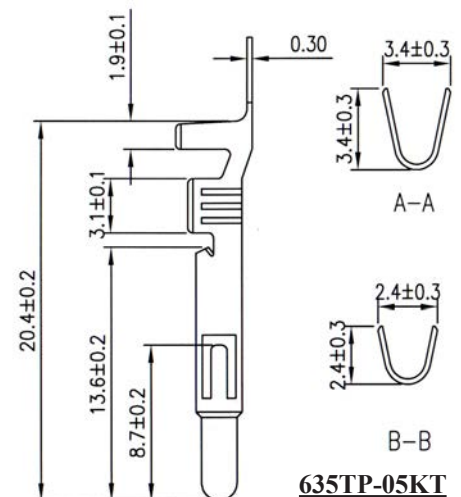
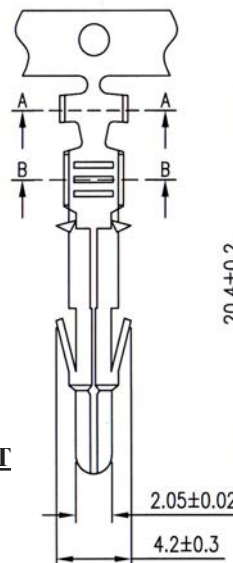
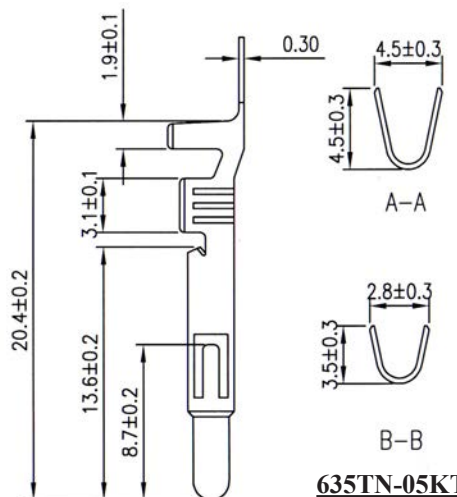
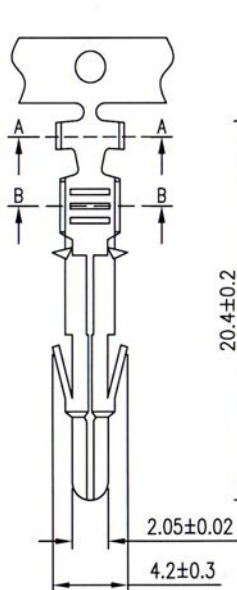
Accepts AWG# 12-14 Wire Range  
**Insulation O.D.:** 3.50mm(max)  
**Material:** Brass  
**Finish:** Tin Plated  
**Thickness:** 0.30mm

### **635TN-05KT** **TERMINAL**

Accepts AWG# 16-20 Wire Range  
**Insulation O.D.:** 3.30mm(max)  
**Material:** Brass or Phosphor Bronze  
**Finish:** Tin Plated  
**Thickness:** 0.30mm

### **635TP-05KT** **TERMINAL**

Accepts AWG# 18-22 Wire Range  
**Insulation O.D.:** 2.50mm(max)  
**Material:** Brass or Phosphor Bronze  
**Finish:** Tin Plated  
**Thickness:** 0.30mm



### ORDERING INFORMATION:

#### **P/N 635TM-2.5KT**

MALE CRIMP TERMINAL  
 FOR AWG# 12-14 WIRES  
 PU= 2.500PCS/REEL

NOTE: ACCEPTS 635HM HOUSING

#### **P/N 635TN-05KT**

MALE CRIMP TERMINAL  
 FOR AWG# 16-20 WIRES  
 PU= 5.000PCS/REEL

NOTE: ACCEPTS 635HM HOUSING

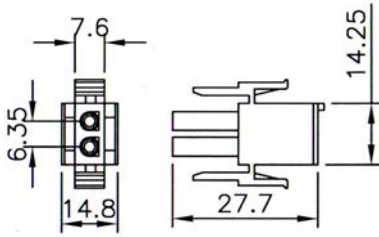
#### **P/N 635TP-05KT**

MALE CRIMP TERMINAL  
 FOR AWG# 18-22 WIRES  
 PU= 5.000PCS/REEL

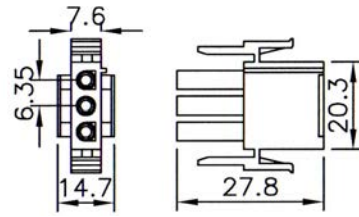
NOTE: ACCEPTS 635HM HOUSING

## Ø2.10MM WIRE 6.35MM SPACING WIRE-TO-WIRE SYSTEM (E3)

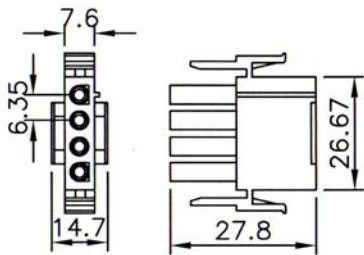
**P/N 635HF-1X2HW**



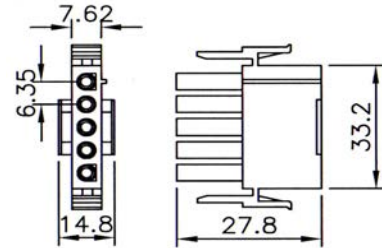
**P/N 635HF-1X3HW**



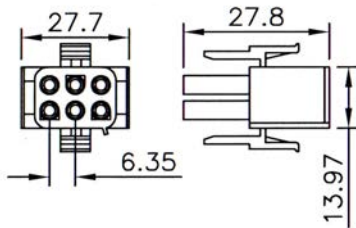
**P/N 635HF-1X4HW**



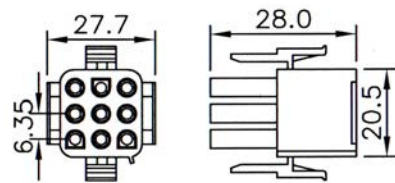
**P/N 635HF-1X5HW**



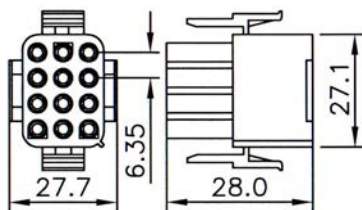
**P/N 635HF-2X3HW**



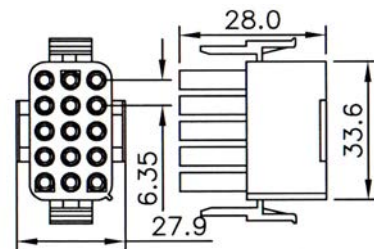
**P/N 635HF-3X3HW**



**P/N 635HF-3X4HW**



**P/N 635HF-3X5HW**



### ORDERING INFORMATION:

**P/N 635HF - x x x H W**

NOTE: ACCEPTS 635TF, 635TG & 635TH TERMINALS

**P/N 635HF - x x x H W / V 0**

MATERIAL: NYLON 66, UL 94V-0

### SPECIFICATIONS

**Rated Voltage:** 100V AC,DC

**Rated Current:** 11A

**Withstand Voltage:** 500V AC/minute

**Insulation Resistance:** 1000M Ω/min

**Temperature Range:** -55°C to + 105°C

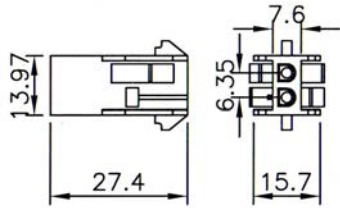
### HOUSING

**Material:** Nylon 66, UL 94V-2

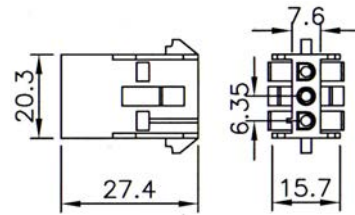
**All materials must be RoHS compliant.**

## Ø2.10MM WIRE 6.35MM SPACING WIRE-TO-WIRE SYSTEM (E4)

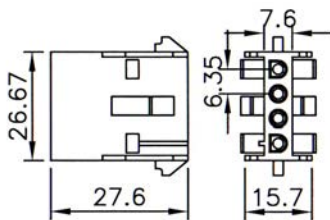
**P/N 635HM-1X2HW**



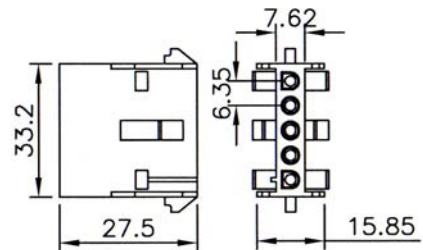
**P/N 635HM-1X3HW**



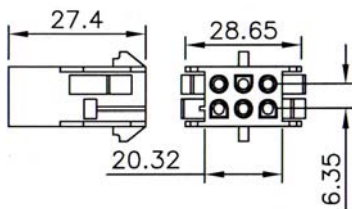
**P/N 635HM-1X4HW**



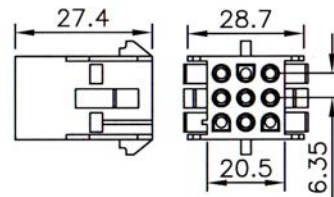
**P/N 635HM-1X5HW**



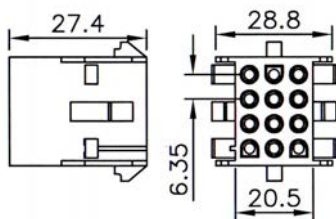
**P/N 635HM-2X3HW**



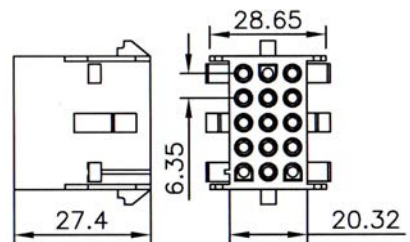
**P/N 635HM-3X3HW**



**P/N 635HM-3X4HW**



**P/N 635HM-3X5HW**



### ORDERING INFORMATION:

**P/N 635HM - x x x H W**

NOTE: ACCEPTS 635TM, 635TN & 635TP TERMINALS

**P/N 635HM - x x x H W / V 0**

MATERIAL: NYLON 66, UL 94V-0

### SPECIFICATIONS

**Rated Voltage:** 100V AC,DC

**Rated Current:** 11A

**Withstand Voltage:** 500V AC/minute

**Insulation Resistance:** 1000M Ω/min

**Temperature Range:** -55°C to + 105°C

### HOUSING

**Material:** Nylon 66, UL 94V-2

**All materials must be RoHS compliant.**

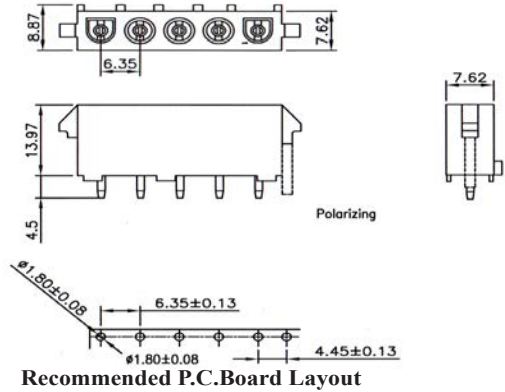
# Ø2.10MM WIRE 6.35MM SPACING WIRE-TO-WIRE SYSTEM (E5)

## ORDERING INFORMATION:

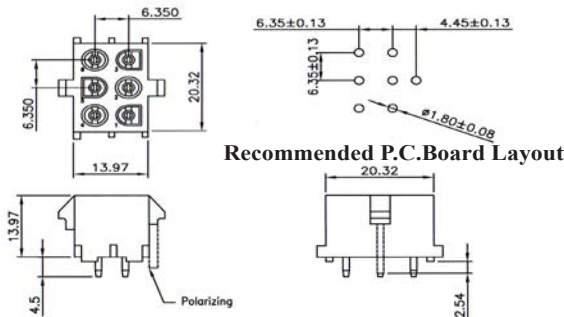
P/N 635  $\frac{XX}{1} - \frac{XXX}{2}$  TW

- POLARIZING OPTION:  
"WF" WITH POLARIZING  
"WG" W/O POLARIZING
- NO. OF CONTACTS:  
1X2, 1X3, 1X4, 1X5, 1X6  
1X7, 1X8, 1X9, 1X10

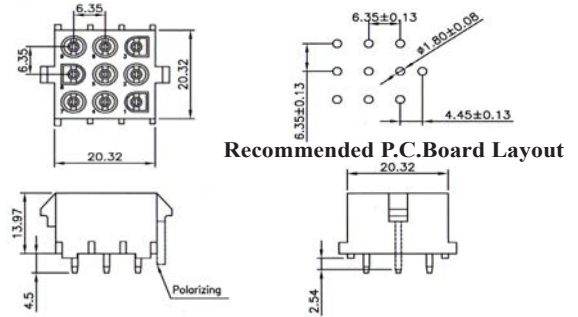
No. of Contacts	Dimensions(mm)	
	A	B
02	6.35	13.97
03	12.70	20.32
04	19.05	26.67
05	25.40	33.02



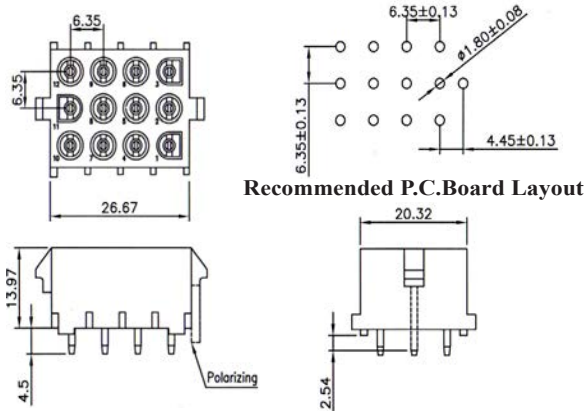
P/N 635WF-2X3TW  
635WG-2X3TW



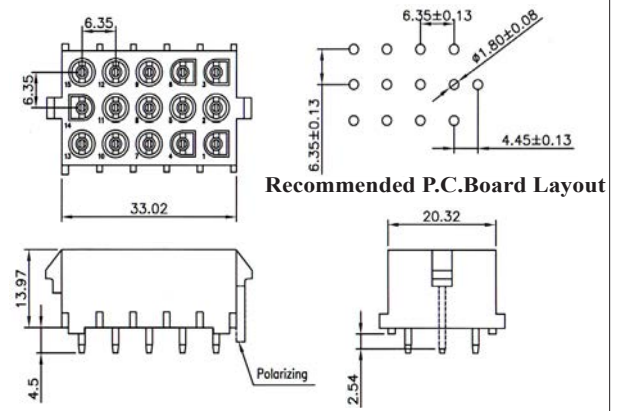
P/N 635WF-3X3TW  
635WG-3X3TW



P/N 635WF-3X4TW  
635WG-3X4TW



P/N 635WF-3X5TW  
635WG-3X5TW



## ORDERING INFORMATION:

P/N 635WF - XXX TW (WITH POLARIZING)

P/N 635WG - XXX TW (W/O POLARIZING)

NOTE: MATES WITH 635HF HOUSING

P/N 635WF - XXX TW / V 0

P/N 635WG - XXX TW / V 0

MATERIAL: NYLON 66, UL 94V-0

## SPECIFICATIONS

Rated Voltage: 100V AC,DC

Rated Current: 11A

Withstand Voltage: 500V AC/minute

Insulation Resistance: 1000M Ω/min

Temperature Range: -55°C to + 105°C

## HOUSING

Material: Nylon 66, UL 94V-2

All materials must be RoHS compliant.



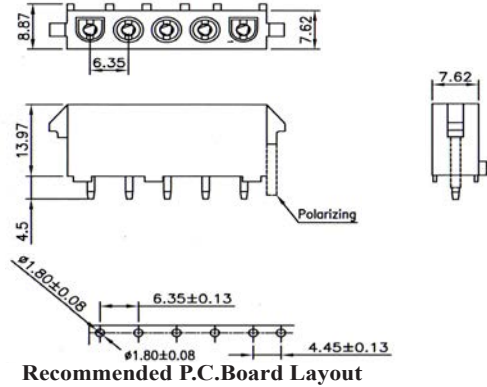
# Ø2.10MM WIRE 6.35MM SPACING WIRE-TO-WIRE SYSTEM (E6)

## ORDERING INFORMATION:

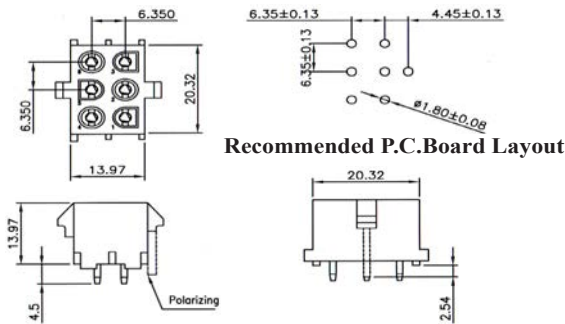
P/N 635  $\frac{XX}{1} - \frac{XXX}{2}$  TW

- POLARIZING OPTION:  
"WM" WITH POLARIZING  
"WN" W/O POLARIZING
- NO. OF CONTACTS:  
1X2, 1X3, 1X4, 1X5, 1X6  
1X7, 1X8, 1X9, 1X10

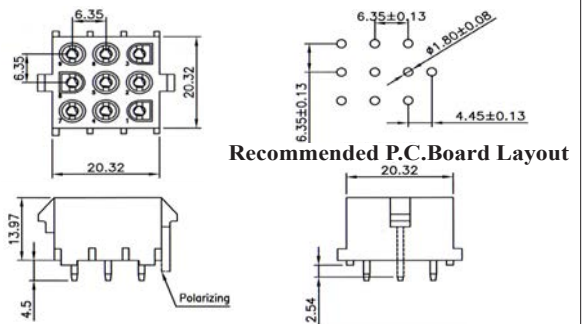
No. of Contacts	Dimensions(mm)	
	A	B
02	6.35	13.97
03	12.70	20.32
04	19.05	26.67
05	25.40	33.02



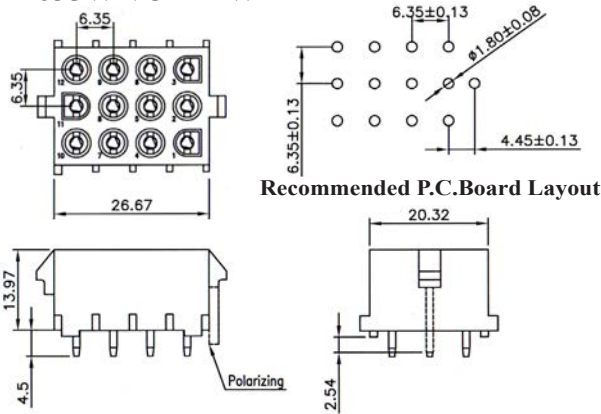
P/N 635WM-2X3TW  
635WN-2X3TW



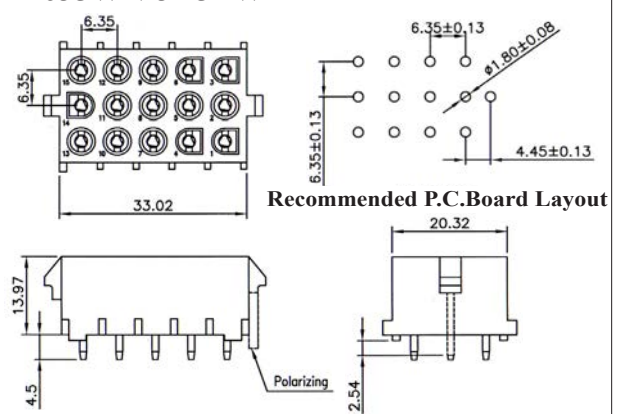
P/N 635WM-3X3TW  
635WN-3X3TW



P/N 635WM-3X4TW  
635WN-3X4TW



P/N 635WM-3X5TW  
635WN-3X5TW



## ORDERING INFORMATION:

P/N 635WM - XXX TW (WITH POLARIZING)

P/N 635WN - XXX TW (W/O POLARIZING)

NOTE: MATES WITH 635HM HOUSING

P/N 635WM - XXX TW / V 0

P/N 635WN - XXX TW / V 0

MATERIAL: NYLON 66, UL 94V-0

## SPECIFICATIONS

Rated Voltage: 100V AC,DC

Rated Current: 11A

Withstand Voltage: 500V AC/minute

Insulation Resistance: 1000M Ω/min

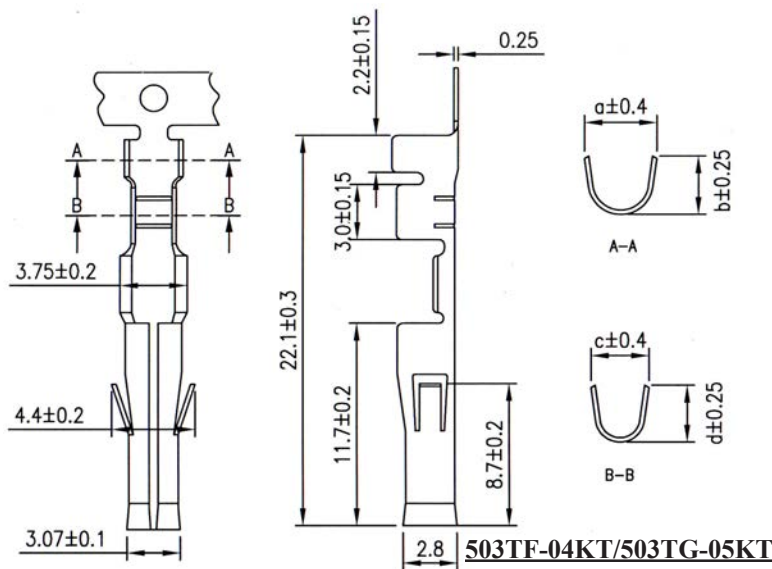
Temperature Range: -55°C to + 105°C

## HOUSING

Material: Nylon 66, UL 94V-2

All materials must be RoHS compliant.

## Ø2.36MM(0.093") WIRE-TO-WIRE CRIMP TERMINAL (F1)



### TERMINAL

Material: Brass

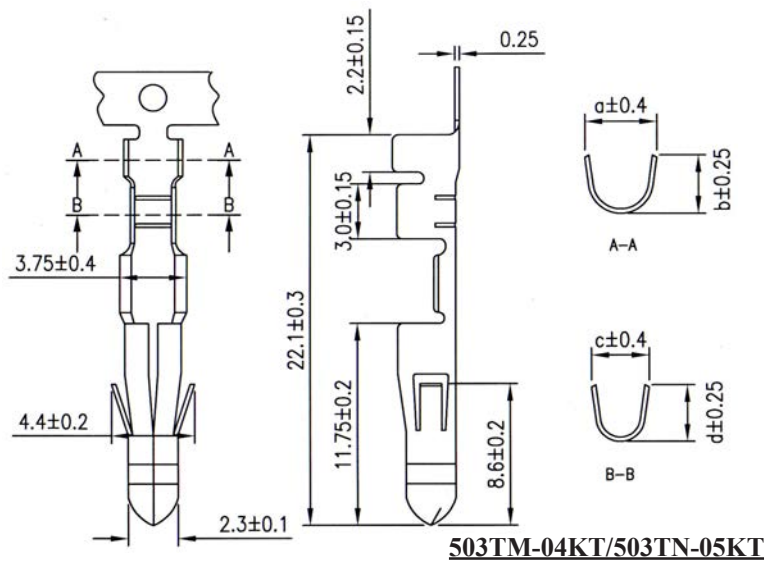
Finish: Tin Plated

Thickness: 0.25mm

All materials must be RoHS compliant.

### 503TF-04KT/503TG-05KT

WIRE RANGE	WIRE RANGE				INSULATION O.D. (mm)
	A	B	C	D	
AWG# 16-20	5.1	4.7	3.0	3.6	3.2(MAX)
AWG# 20-24	3.6	3.3	2.6	2.6	2.7(MAX)



### 503TM-04KT/503TN-05KT

WIRE RANGE	WIRE RANGE				INSULATION O.D. (mm)
	A	B	C	D	
AWG# 16-20	5.0	4.8	3.0	3.6	3.2(MAX)
AWG# 20-24	3.6	3.3	2.6	2.6	2.7(MAX)

## ORDERING INFORMATION:

### P/N 503TF-04KT

FEMALE CRIMP TERMINAL  
FOR AWG# 16-20 WIRES  
PU= 4.000PCS/REEL

NOTE: ACCEPTS 503HF, 503HG & 670HF HOUSINGS

### P/N 503TG-05KT

FEMALE CRIMP TERMINAL  
FOR AWG# 20-24 WIRES  
PU= 5.000PCS/REEL

NOTE: ACCEPTS 503HF, 503HG & 670HF HOUSINGS

### P/N 503TM-04KT

MALE CRIMP TERMINAL  
FOR AWG# 16-20 WIRES  
PU= 4.000PCS/REEL

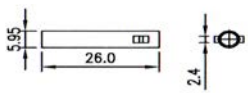
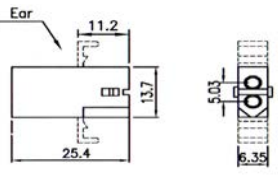
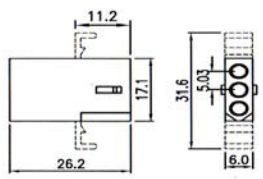
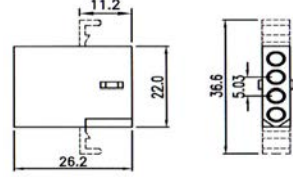
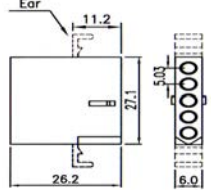
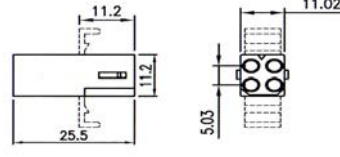
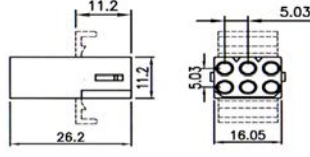
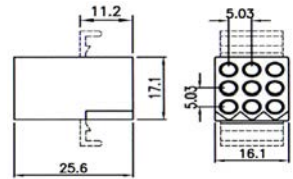
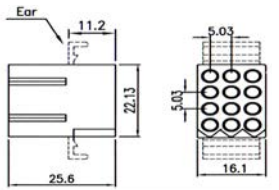
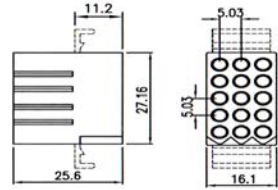
NOTE: ACCEPTS 503HM, 503HN & 670HM HOUSINGS

### P/N 503TN-05KT

MALE CRIMP TERMINAL  
FOR AWG# 20-24 WIRES  
PU= 5.000PCS/REEL

NOTE: ACCEPTS 503HM, 503HN & 670HM HOUSINGS

## Ø2.36MM WIRE 5.03MM SPACING WIRE-TO-WIRE SYSTEM (F2)

<p><b>P/N 503HF-1X1HW</b> <b>503HG-1X1HW</b></p> 	<p><b>P/N 503HF-1X2HW</b> <b>503HG-1X2HW</b></p> 
<p><b>P/N 503HF-1X3HW</b> <b>503HG-1X3HW</b></p> 	<p><b>P/N 503HF-1X4HW</b> <b>503HG-1X4HW</b></p> 
<p><b>P/N 503HF-1X5HW</b> <b>503HG-1X5HW</b></p> 	<p><b>P/N 503HF-2X2HW</b> <b>503HG-2X2HW</b></p> 
<p><b>P/N 503HF-2X3HW</b> <b>503HG-2X3HW</b></p> 	<p><b>P/N 503HF-3X3HW</b> <b>503HG-3X3HW</b></p> 
<p><b>P/N 503HF-3X4HW</b> <b>503HG-3X4HW</b></p> 	<p><b>P/N 503HF-3X5HW</b> <b>503HG-3X5HW</b></p> 

### ORDERING INFORMATION:

**P/N 503HF - x x x HW (WITH EARS)**

**P/N 503HG - x x x HW (W/O EARS)**

NOTE: ACCEPTS 503TF & 503TG TERMINALS

### SPECIFICATIONS

**Rated Voltage:** 250V AC,DC

**Rated Current:** 7A

**Withstand Voltage:** 1500V AC/minute

**Insulation Resistance:** 1000M Ω/min

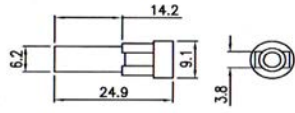
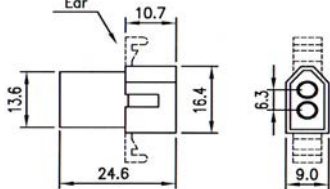
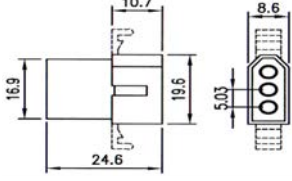
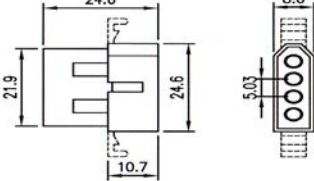
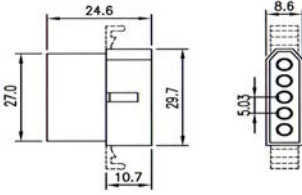
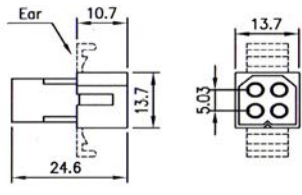
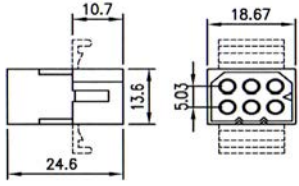
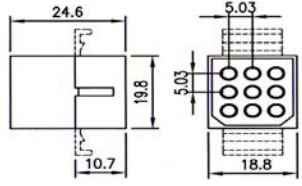
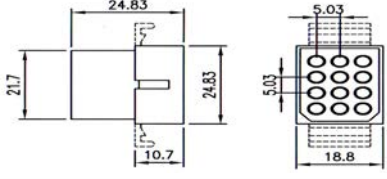
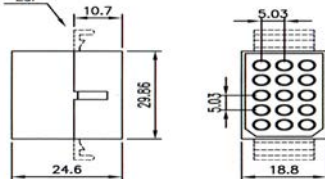
**Temperature Range:** -40°C to + 105°C

### HOUSING

**Material:** Nylon 66, UL 94V-2

**All materials must be RoHS compliant.**

## Ø2.36MM WIRE 5.03MM SPACING WIRE-TO-WIRE SYSTEM (F3)

<p><b>P/N 503HM-1X1HW</b> <b>503HN-1X1HW</b></p> 	<p><b>P/N 503HM-1X2HW</b> <b>503HN-1X2HW</b></p> 
<p><b>P/N 503HM-1X3HW</b> <b>503HN-1X3HW</b></p> 	<p><b>P/N 503HM-1X4HW</b> <b>503HN-1X4HW</b></p> 
<p><b>P/N 503HM-1X5HW</b> <b>503HN-1X5HW</b></p> 	<p><b>P/N 503HM-2X2HW</b> <b>503HN-2X2HW</b></p> 
<p><b>P/N 503HM-2X3HW</b> <b>503HN-2X3HW</b></p> 	<p><b>P/N 503HM-3X3HW</b> <b>503HN-3X3HW</b></p> 
<p><b>P/N 503HM-3X4HW</b> <b>503HN-3X4HW</b></p> 	<p><b>P/N 503HM-3X5HW</b> <b>503HN-3X5HW</b></p> 

### ORDERING INFORMATION:

**P/N 503HM - x x x HW (WITH EARS)**

**P/N 503HN - x x x HW (W/O EARS)**

NOTE: ACCEPTS 503TM & 503TN TERMINALS

### SPECIFICATIONS

**Rated Voltage:** 250V AC,DC

**Rated Current:** 7A

**Withstand Voltage:** 1500V AC/minute

**Insulation Resistance:** 1000M Ω/min

**Temperature Range:** -40°C to +105°C

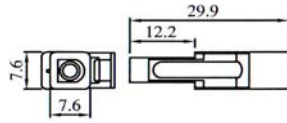
### HOUSING

**Material:** Nylon 66, UL 94V-2

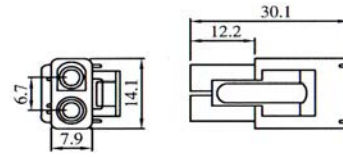
**All materials must be RoHS compliant.**

**Ø2.36MM WIRE 6.70MM SPACING WIRE-TO-WIRE SYSTEM (F4)**

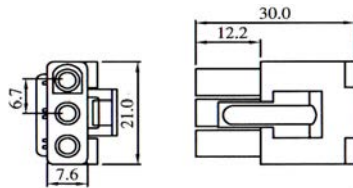
**P/N 670HF-1X1HW**



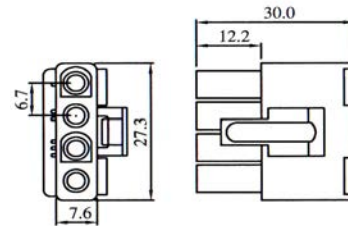
**P/N 670HF-1X2HW**



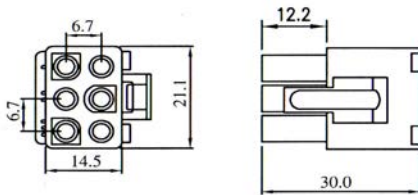
**P/N 670HF-1X3HW**



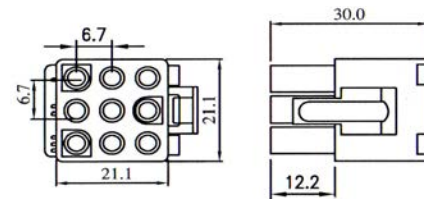
**P/N 670HF-1X4HW**



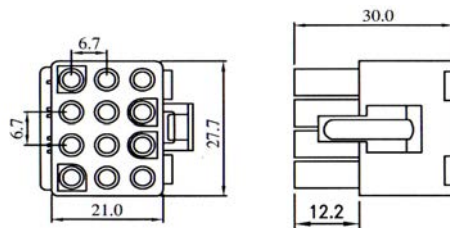
**P/N 670HF-2X3HW**



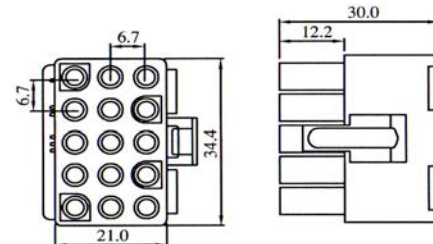
**P/N 670HF-3X3HW**



**P/N 670HF-3X4HW**



**P/N 670HF-3X5HW**



**ORDERING INFORMATION:**

**P/N 670HF - x x x H W**

NOTE: ACCEPTS 503TF & 503TG TERMINALS

**SPECIFICATIONS**

**Rated Voltage:** 250V AC,DC

**Rated Current:** 7A

**Withstand Voltage:** 1500V AC/minute

**Insulation Resistance:** 1000M Ω/min

**Temperature Range:** -40°C to + 105°C

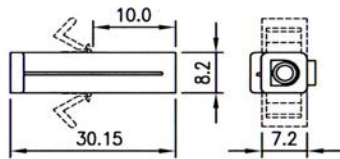
**HOUSING**

**Material:** Nylon 66, UL 94V-2

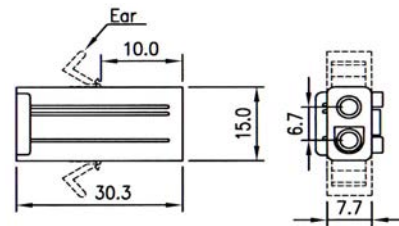
**All materials must be RoHS compliant.**

## Ø2.36MM WIRE 6.70MM SPACING WIRE-TO-WIRE SYSTEM (F5)

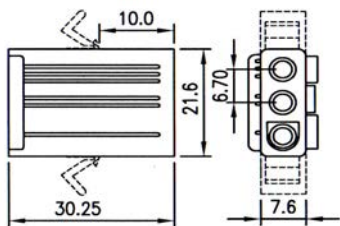
P/N 670HM-1X1HW  
670HN-1X1HW



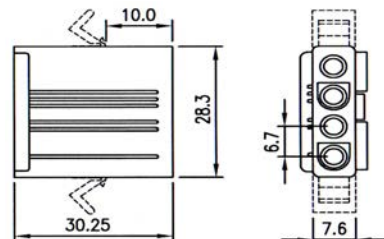
P/N 670HM-1X2HW  
670HN-1X2HW



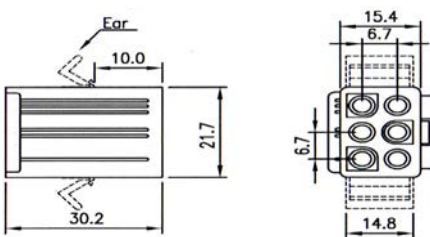
P/N 670HM-1X3HW  
670HN-1X3HW



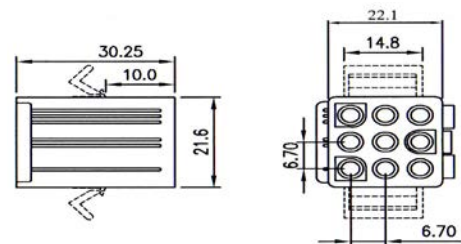
P/N 670HM-1X4HW  
670HN-1X4HW



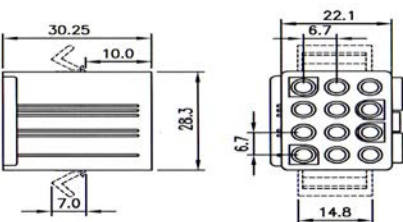
P/N 670HM-2X3HW  
670HN-2X3HW



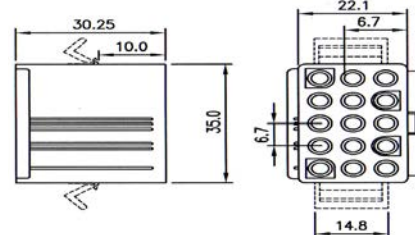
P/N 670HM-3X3HW  
670HN-3X3HW



P/N 670HM-3X4HW  
670HN-3X4HW



P/N 670HM-3X5HW  
670HN-3X5HW



### ORDERING INFORMATION:

P/N 670HM - x x x HW (WITH EARS)

P/N 670HN - x x x HW (W/O EARS)

NOTE: ACCEPTS 503TM & 503TN TERMINALS

### SPECIFICATIONS

Rated Voltage: 250V AC,DC

Rated Current: 7A

Withstand Voltage: 1500V AC/minute

Insulation Resistance: 1000M Ω/min

Temperature Range: -40°C to + 105°C

### HOUSING

Material: Nylon 66, UL 94V-2

All materials must be RoHS compliant.