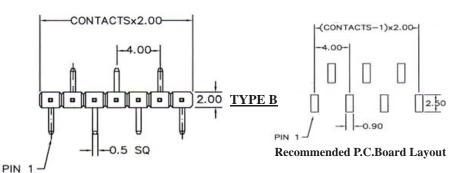


Recommended P.C.Board Layout

MATERI
Insulator: T



SPECIFICATIONS

Current Rating: 1.0~AmpDielectric Withstand: 1000V~ACInsulator Resistance: $5000~\text{M}\Omega$ min. Contact Resistance: $20m\Omega$ Max. Operating Temperature: -55° c to $+105^\circ$ c

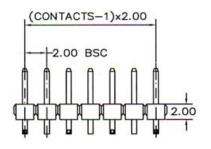
permang remperatures as a

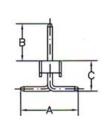
MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T **Contacts:** Copper Alloys

All materials must be RoHS compliant.



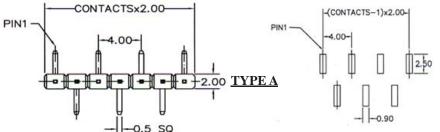


TYPE A	TYPE B	A	В	С
Q05	Q06	4.20	3.00	2.70
Q07	Q08	4.20	4.00	2.70

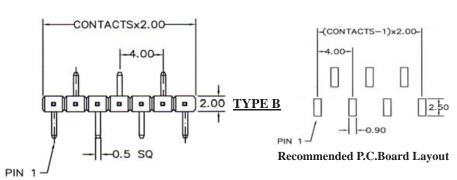
ORDERING INFORMATION:

P/N 20 $\frac{x \times x}{1} - \frac{x \times x}{2} \frac{x}{3} B - \frac{x}{4}$

- 1. CONNECTOR CODE: Q05, Q06, Q07, Q08
- 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
 - "P" WITH PAD IN TUBE
 - "Q" WITH PAD IN TAPE & REEL



Recommended P.C.Board Layout



SPECIFICATIONS

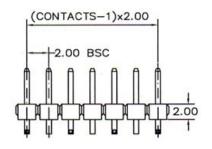
Current Rating: 1.0 AmpDielectric Withstand: 1000 V ACInsulator Resistance: $5000 \text{ M}\Omega \text{ min}$. Contact Resistance: $20 \text{m}\Omega \text{ Max}$. Operating Temperature: $-55 ^{\circ}\text{c}$ to $+105 ^{\circ}\text{c}$

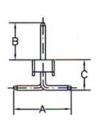
MATERIALS

Insulator: Thermoplastic, UL94V-0 Nylon-6T

Contacts: Copper Alloys

All materials must be RoHS compliant.





ORDERING INFORMATION:

CODE: $2\ 0\ 0\ \frac{1\ M\ 1}{1} - \frac{A/B/C}{2} - \frac{x\ x\ x}{3} \frac{x}{4} B - \frac{x\ x}{5} \frac{x}{6}$

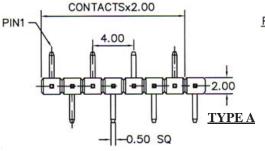
PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

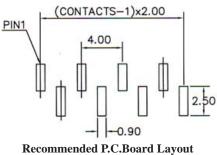


- 1. EXTERIOR CODE:
- 2. DIMENSION A/B/C (UNIT: mm)
- 3. NO. OF CONTACTS: 002 ~ 040
- 4. CONTACT FINISH:
 - "G" FULL GOLD PLATED
 - "S" SELECTIVE GOLD PLATED
 - "T" FULL TIN PLATED

- 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

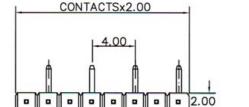




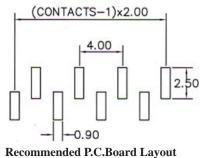


SPECIFICATIONS

Current Rating: 1.0 Amp Dielectric Withstand: 1000V AC Insulator Resistance: $5000 \text{ M}\Omega \text{ min.}$ Contact Resistance: 20mΩ Max. **Operating Temperature:** -55°c to + 105°c



-0.5 SQ

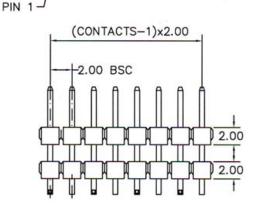


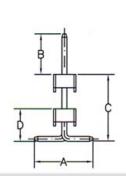
MATERIALS

Insulator: Thermoplastic, UL94V-0 Nylon-6T

Contacts: Copper Alloy

All materials must be RoHS compliant.





ORDERING INFORMATION:

CODE: $2\ 0\ 0\ \frac{1\ M\ 4}{1} - \frac{A/B/C/D}{2} - \frac{x\ x\ x\ x}{3} \frac{x}{4} B - \frac{x\ x}{5\ 6}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

TYPE B

P/N $P \underset{YY}{\underline{x}} \underset{MM}{\underline{x}} \underset{DD}{\underline{x}} x - \underset{3}{\underline{x}} \underset{4}{\underline{x}} B$

- 1. EXTERIOR CODE: 1M4
- 2. DIMENSION A/B/C/D (UNIT: mm)
- 3. NO. OF CONTACTS: $002 \sim 040$
- 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:

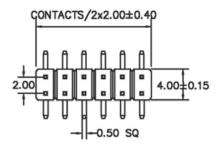
"T" W/O PAD IN TUBE

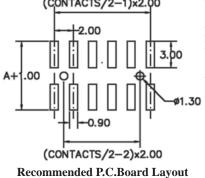
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL



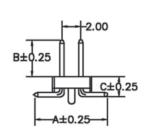






(CONTACTS/2-1)x2.00

 $(CONTACTS/2-1)x2.00\pm0.20$ -2.00±0.10 (CONTACTS/2-2)x2.00



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.

	WITH	DIMENSIONS(MM)			
PEGS	PEGS	A	В	С	
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 $200 \frac{x}{1} - \frac{x}{2} \frac{x}{3} B - \frac{x}{4}$

- 1. CONTACT TYPE: HM, HN, GQ, GS, MA, MB, MK, ML
- 2. NO. OF CONTACTS: $006 \sim 080$
- 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!**



SPECIFICATIONS

Current Rating: 1 A

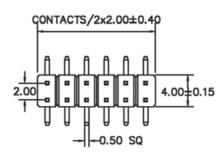
Contact Resistance: $20m\Omega$ Max. Insulator Resistance: $5000M\Omega$ Min. Withstanding Voltage: 1000V AC/Min. Operating Temperature: $-55^{\circ}c$ to $+105^{\circ}c$

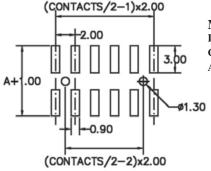
MATERIALS

Insulator: NY6T UL94V-0, Black

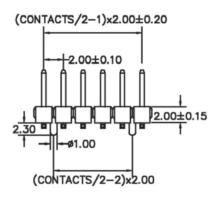
Contact: Copper Alloy

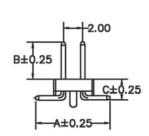
All materials must be RoHS compliant.





Recommended P.C.Board Layout





ORDERING INFORMATION:

CODE: $2\ 0\ 2\ \frac{x\ x\ x}{1} - \frac{A/B/C}{2} - \frac{x\ x\ x}{3} \frac{x}{4}B - \frac{x}{5}$



PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

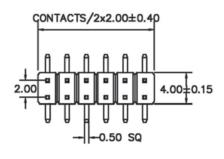
P/N $P \underset{YY}{\underline{x}} \underset{MM}{\underline{x}} \underset{DD}{\underline{x}} x - \underset{3}{\underline{x}} \underset{4}{\underline{x}} B$

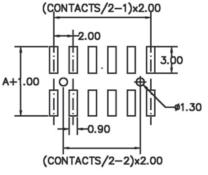
- 1. EXTERIOR CODE:
 - "2M2" W/O LOCATING PEG
 - "2M3" WITH LOCATING PEG
- 2. DIMENSION A/B/C (UNIT: mm)
- 3. NO. OF CONTACTS:
 - 006 ~ 080
- 4. CONTACT FINISH:
 - "G" FULL GOLD PLATED
 - "S" SELECTIVE GOLD PLATED

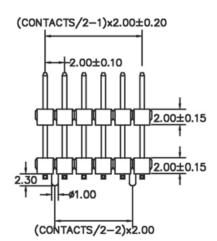
"T" FULL TIN PLATED

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

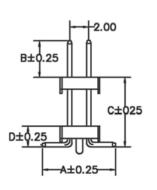












SPECIFICATIONS

Current Rating: 1 A

Contact Resistance: $20m\Omega$ Max. Insulator Resistance: $5000M\Omega$ Min. Withstanding Voltage: 1000V AC/Min. Operating Temperature: $-55^{\circ}c$ to $+105^{\circ}c$

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

l	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

WITH

W/O

DIMENSIONS(MM)

В

ORDERING INFORMATION:

P/N 20 $\frac{x \times x}{1} - \frac{x \times x}{2} \frac{x}{3} B - \frac{x}{4}$

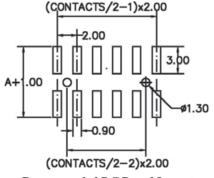
- 1. CONTACT TYPE: M03, M04, M05, M06, M07, M08 M09, M10, M13, M14, M15, M16
- 2. NO. OF CONTACTS: 006 ~ 080
- 3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

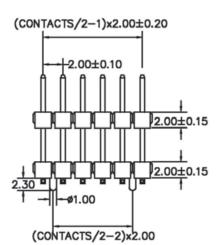
4. PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

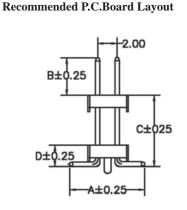
NOTE: SEE NEXT PAGES FOR CUSTOMER'S DESIGNS!



CONTACTS/2x2.00±0.40 2.00 4.00±0.15







SPECIFICATIONS

Current Rating: 1 A

Contact Resistance: $20m\Omega$ Max. Insulator Resistance: $5000M\Omega$ Min. Withstanding Voltage: 1000V AC/Min. Operating Temperature: $-55^{\circ}c$ to $+105^{\circ}c$

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Copper Alloy

All materials must be RoHS compliant.

ORDERING INFORMATION:



PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

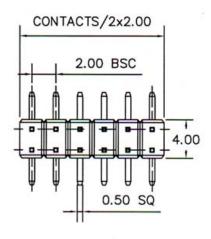
P/N $P \underset{YY}{\underline{x}} \underset{MM}{\underline{x}} \underset{DD}{\underline{x}} x - \underset{3}{\underline{x}} \underset{4}{\underline{x}} B$

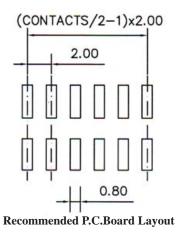
- 1. EXTERIOR CODE:
 - "2M4" W/O LOCATING PEG
 - "2M7" WITH LOCATING PEG
- 2. DIMENSION A/B/C/D (UNIT: mm)
- 3. NO. OF CONTACTS: 004 ~ 080
- 4. CONTACT FINISH:
- "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED

"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







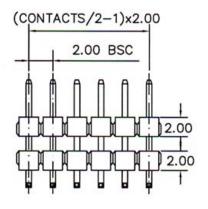
SPECIFICATIONS

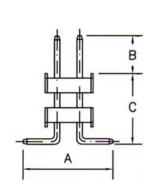
Current Rating: 1.0 Amp Dielectric Withstand: 1000V AC Insulator Resistance: $5000 \text{ M}\Omega \text{ min.}$ Contact Resistance: $20m\Omega$ Max. **Operating Temperature:** -55°c to + 105°c

MATERIALS

Insulator: Thermoplastic, UL94V-0 Nylon-6T

Contacts: Copper Alloys All materials must be RoHS compliant.





ORDERING INFORMATION:

CODE: $2\ 0\ 2\ \frac{2\ M\ 5}{1} - \frac{A/B/C}{2} - \frac{x\ x\ x\ x}{3} \frac{x}{4} B - \frac{x\ x}{5} \frac{x}{6}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

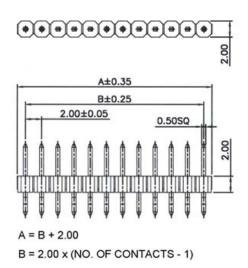
- 1. EXTERIOR CODE: 2M5
- 2. DIMENSION A/B/C (UNIT: mm)
- 3. NO. OF CONTACTS: $004 \sim 080$
- 4. CONTACT FINISH:
 - "G" FULL GOLD PLATED
 - "S" SELECTIVE GOLD PLATED
 - "T" FULL TIN PLATED

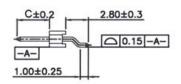
- 5. LOCATING PEG OPTION: "0" W/O LOCATING PEG
- 6. PAD & PACKAGE OPTION: "T" W/O PAD IN TUBE

 - "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 SINGLE ROW HORIZONTAL SMT TYPE PROFILE=2.00MM





200NT

200NU

SPECIFICATIONS

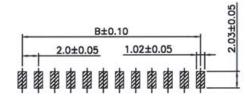
Current Rating: 2.0 A Voltage Rating: 150 V AC/DC Contact Resistance: $20 \text{m}\Omega$ Max. Insulator Resistance: $1000 \text{M}\Omega$ Min. Withstanding Voltage: 500 V AC/Min. Operating Temperature: -40 °c to +105 °c

MATERIALS

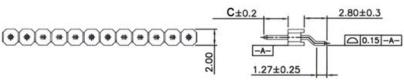
Insulator: NY6T UL94V-0, Black

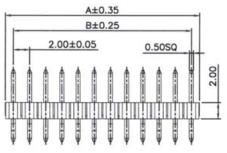
Contact: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout





A = B + 2.00

 $B = 2.00 \times (NO. OF CONTACTS - 1)$

ORDERING INFORMATION:

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

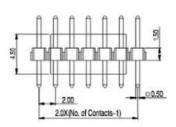
- 1. CONTACT TYPE: "NT" C=4.00MM
 - "NU" C=3.00MM
- 2. NO. OF CONTACTS: 002 ~ 040
- 3. CONTACT FINISH:
 - "G" FULL GOLD PLATED
 - "S" SELECTIVE GOLD PLATED
 - "T" FULL TIN PLATED

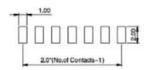
- 4. PAD, FILM & PACKAGE OPTION:
 - "T" W/O PAD IN TUBE
 - "P" WITH PAD IN TUBE
 - "Q" WITH PAD IN TAPE & REEL
 - "R" W/O PAD IN TAPE & REEL
 - "F" WITH FILM IN TUBE
 - "G" WITH FILM IN TAPE & REEL
 - "0" BULK PACKAGE

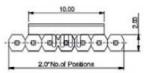


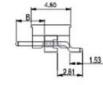
2.00MM(0.079") PIN HEADER SINGLE ROW RIGHT ANGLE SMT TYPE

Without Peg









With Peg



SPECIFICATIONS

Insulation Resistance: $500M\Omega$ Min. Withstanding Voltage: AC 500V **Temperature Range:** -40°C to +105°C

Current Rating: 1Amp

Max. Processing Temp:

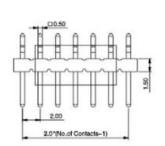
Contact: Copprt Alloy Plating: Au or Sn Over Nickel

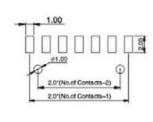
All materials must be RoHS compliant.

230°C For 30~60 Seconds 260°C For 10 Seconds

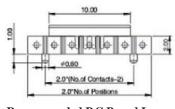


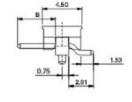






W/O PEG	WITH PEG	DIM. B
YC	ZC	3.20MM
YF	ZF	4.45MM
YQ	ZQ	4.00MM





Recommended P.C.Board Layout

ORDERING INFORMATION:

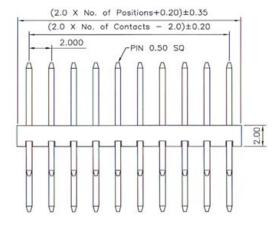
P/N 200 $\frac{x}{1} - \frac{x}{2} \frac{x}{3} B - \frac{x}{4}$

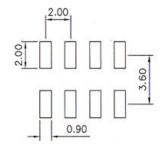
- 1. CONNECTOR TYPE: YC, YF, YQ, ZC, ZF, ZQ
- 2. NO. OF CONTACTS: $004 \sim 036$
- 3. CONTACT FINISH:
 - "G" FULL GOLD PLATED "S" SELECTIVE GOLD PLATED "T" FULL TIN PLATED

- 4. PACKAGE OPTION:
 - "T" WITHOUT PAD IN TUBE
 - "P" WITH PAD IN TUBE
 - "Q" WITH PAD IN TAPE & REEL

2.00MM(0.079") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.00MM







Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 2.0 AmpDielectric Withstand: 500 V ACInsulator Resistance: $1000 \text{ M}\Omega \text{ min}$. Contact Resistance: $20 \text{m}\Omega \text{ Max}$.

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

MATERIALS

Insulator: Polyester, UL94V-0

Nylon-6T

Contacts: Brass

2.000

B ±0.25

6.22±0.25

All materials must be RoHS compliant.



2.79±0.25

ORDERING INFORMATION:

P/N $200 \times x - \frac{x \times x}{2} \times B - \frac{x}{4}$

1. PIN LENGTH:

"ND" B= 4.00mm

"NH" B= 3.80mm

"NK" B= 6.00mm

2. NO. OF CONTACTS:

 $004 \sim 080$

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

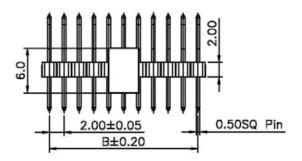
4. PAD & PACKAGE OPTION:

"0" BULK PACKAGE

"T" WITHOUT PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL



SPECIFICATIONS

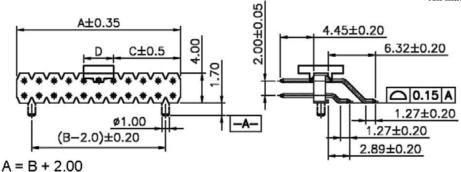
Current Rating: 2.0~A Voltage Rating: 150V~AC/DC Contact Resistance: $20m\Omega~Max$. Insulator Resistance: $5000M\Omega~Min$. Withstanding Voltage: 500V~AC/Min. Operating Temperature: $-40^{\circ}c~to~+105^{\circ}c$

MATERIALS

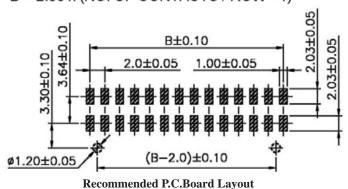
Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.



B = 2.00 x (NO. OF CONTACTS / ROW - 1)



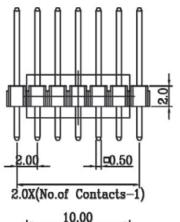
ORDERING INFORMATION:

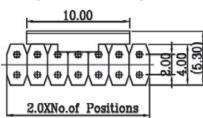
P/N 200 $\frac{x}{1} - \frac{x}{2} \frac{x}{3} B - \frac{x}{4}$

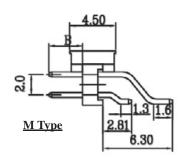
- 1. CONTACT TYPE: "NV" WITHOUT LOCATING PEGS
- "NW" WITH LOCATING PEGS
- 2. NO. OF CONTACTS: 004 ~ 080
- 3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

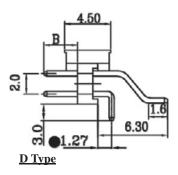
4. PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

2.00MM(0.079") PITCH PIN HEADER DOUBLE ROW SMT TYPE WITHOUT LOCATING PEGS PROFILE=2.00MM









M TYPE D TYPE DIM. B ΥJ ΥK 3.20MM YM ΥN 4.45MM YU 4.00MM ΥT

SPECIFICATIONS Current Rating: 1Amp

Max. Processing Temp:

Insulator: Hihg Temperature

Contact: Copprt Alloy Plating: Au or Sn Over Nickel

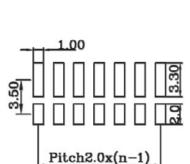
MATERIAL

Insulation Resistance: $500M\Omega$ Min. Withstanding Voltage: AC 500V **Temperature Range:** -40°C to +105°C

> 230°C For 30~60 Seconds 260°C For 10 Seconds

Thermoplastic UL94V-0

All materials must be RoHS compliant.



M Type

Recommended P.C.Board Layout Recommended P.C.Board Layout D Type

ORDERING INFORMATION:

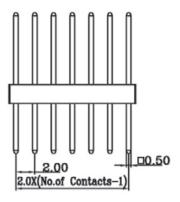
P/N $200 \frac{x}{1} - \frac{x}{2} \frac{x}{3} B - \frac{x}{4}$

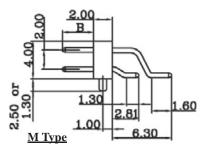
Pitch2.0x(n-1)

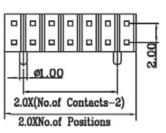
- 1. CONNECTOR TYPE: YJ, YM, YT, YK, YN, YU
- 2. NO. OF CONTACTS: $006 \sim 072$
- 3. CONTACT FINISH: "G" FULL GOLD PLATED "S" SELECTIVE GOLD PLATED "T" FULL TIN PLATED

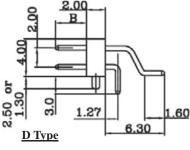
4. PACKAGE OPTION: "T" WITHOUT PAD IN TUBE "P" WITH PAD IN TUBE "Q" WITH PAD IN TAPE & REEL

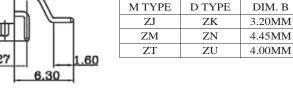
2.00MM(0.079") PITCH PIN HEADER DOUBLE ROW SMT TYPE WITH LOCATING PEGS PROFILE=2.00MM











SPECIFICATIONS Current Rating: 1Amp

Max. Processing Temp:

Insulator: Hihg Temperature

Plating: Au or Sn Over Nickel

Contact: Copprt Alloy

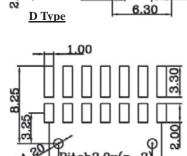
MATERIAL

Insulation Resistance: 500MΩ Min. Withstanding Voltage: AC 500V Temperature Range: -40°C to +105°C

230°C For 30~60 Seconds 260°C For 10 Seconds

Thermoplastic UL94V-0

All materials must be RoHS compliant.



Recommended P.C.Board Layout D Type

Pitch2.0x(n-2)Pitch2.0x(n-1)

Recommended P.C.Board Layout M Type

ORDERING INFORMATION:

P/N $200 \times x - \frac{x \times x}{2} \times B - \frac{x}{4}$

- 1. CONNECTOR TYPE: ZJ, ZM, ZT, ZK, ZN, ZU
- 2. NO. OF CONTACTS: 006 ~ 072
- 3. CONTACT FINISH:

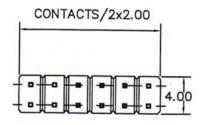
 "G" FULL GOLD PLATED

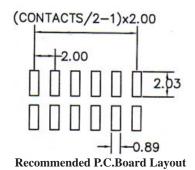
 "S" SELECTIVE GOLD PLATED

 "T" FULL TIN PLATED

4. PACKAGE OPTION:
"T" WITHOUT PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

2.00MM(0.079") PIN HEADER RIGHT ANGLE SMT TYPE PROFILE=2.00MM





SPECIFICATIONS

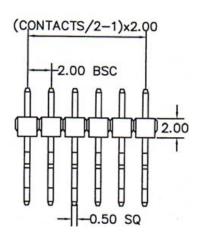
Current Rating: 1.0 Amp Dielectric Withstand: 1000V AC Insulator Resistance: $5000 \text{ M}\Omega \text{ min.}$ Contact Resistance: 20mΩ Max. **Operating Temperature:** -55°c to + 105°c

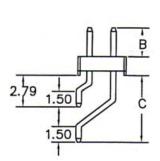
MATERIALS

Insulator: Thermoplastic, UL94V-0 Nylon-6T

Contacts: Copper Alloys

All materials must be RoHS compliant.





ORDERING INFORMATION:

CODE: $2\ 0\ 2\ \underline{2\ J\ 1} - \underline{B/C} - \underline{x\ x\ x\ x\ x} + B - \underline{x\ x} \\ \underline{x} \\ \underline{5\ 6}$



PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

- 1. EXTERIOR CODE:
- 2. DIMENSION B/C (UNIT: mm)
- 3. NO. OF CONTACTS: $004 \sim 080$
- 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