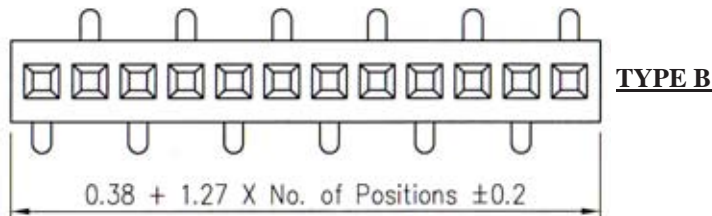
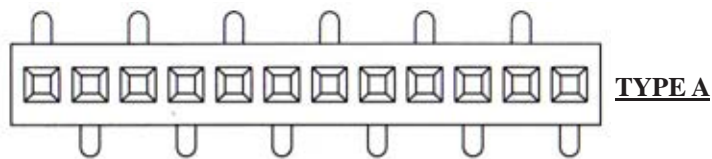


1.27MM(0.050") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=2.00MM

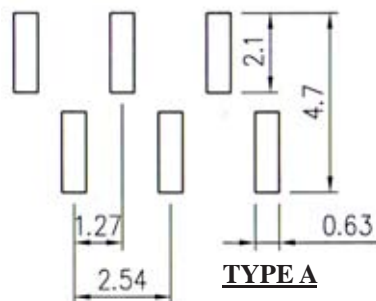
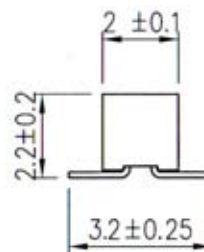
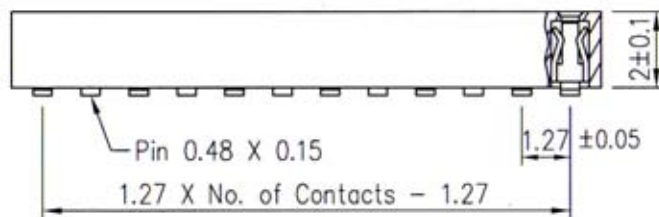


SPECIFICATIONS

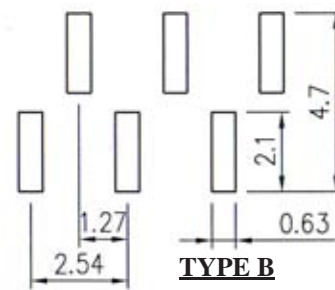
Current Rating: 1.0 Amp
 Dielectric Withstand: 300V AC
 Insulator Resistance: 1000 MΩ min.
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to + 105°C

MATERIALS

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



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

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

1. PCB LAYOUT TYPE:

"JA" TYPE A
 "JL" TYPE B

2. NO. OF CONTACTS:

003 ~ 050

3. CONTACT FINISH:

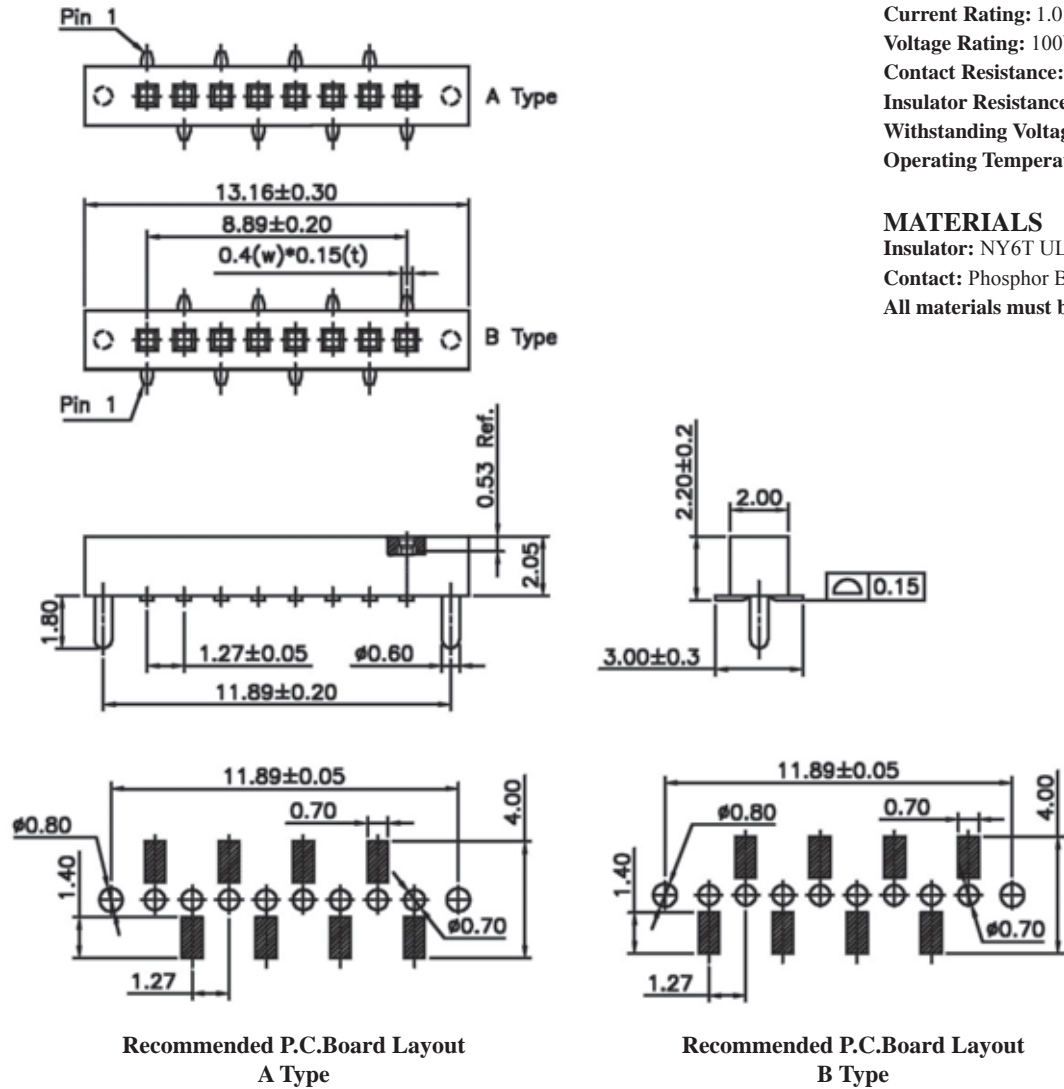
"G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

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

NOTE: PAD = PICK & PLACE PAD

1.27MM(0.050") FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=2.05MM



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: -25°C to +125°C

MATERIALS

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

Recommended P.C.Board Layout
A Type

Recommended P.C.Board Layout
B Type

ORDERING INFORMATION:

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

- CONTACT TYPE:
 "JF" A TYPE WITH LOCATING PEGS
 "JR" B TYPE WITH LOCATING PEGS
 "JY" A TYPE WITHOUT LOCATING PEGS
 "JZ" B TYPE WITHOUT LOCATING PEGS
- NO. OF CONTACTS:
 006, 008
- 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
 "0" IN TRAY

**1.27MM x 1.27MM FEMALE HEADER SINGLE ROW SMT TYPE
PROFILE=2.1MM, 3.4MM & 4.3MM**

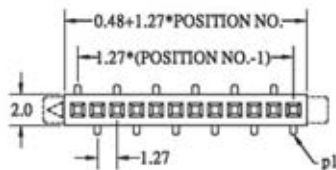
INSULATOR HEIGHT		WITHOUT LOCATING CLIPS		WITH LOCATING CLIPS	
X	Y	TYPE A	TYPE B	TYPE A	TYPE B
2.10	2.25	G11	G12	G13	G14
3.40	3.55	G15	G16	G17	G18
4.30	4.45	G19	G20	G21	G22

SPECIFICATIONS

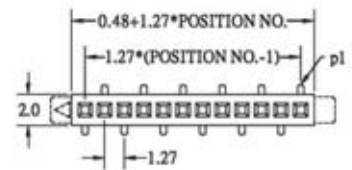
Current Rating: 0.5 Amp
 Contact Resistance: 30mΩ Max.
 Insulator Resistance: 1000 MΩ Min.
 Dielectric Withstand: 250V AC For 1 Min.
 Operating Temperature: -40°C to +105°C

MATERIALS

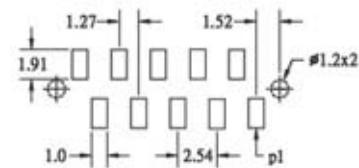
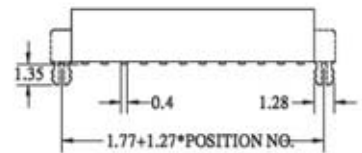
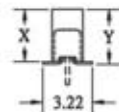
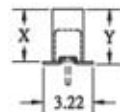
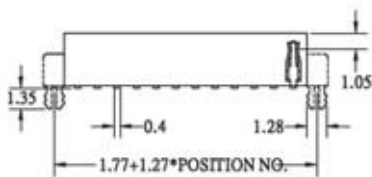
Insulator: LCP, Glass Reinforced, UL94V-0
 Contacts: Phosphor Bronze
 All materials must be RoHS compliant.



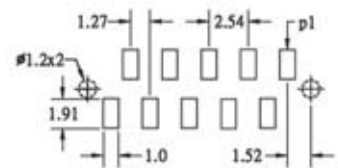
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 1 2 X X X - X X X X B - X
 1 2 3 4

- CONTACT TYPE:
G11, G12, G13, G14, G15, G16,
G17, G18, G19, G20, G21, G22
- NO. OF CONTACTS:
002 ~ 050
- CONTACT FINISH:
"G" FULL GOLD 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*1.27MM FEMALE HEADER SINGLE ROW SMT TYPE PROFILE = 3.4MM

SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

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

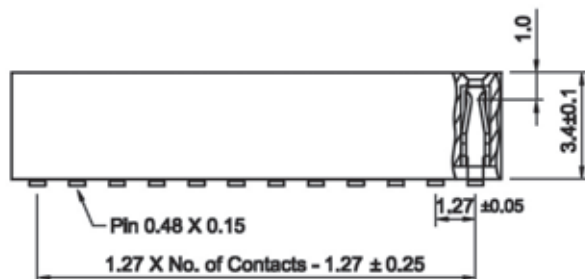
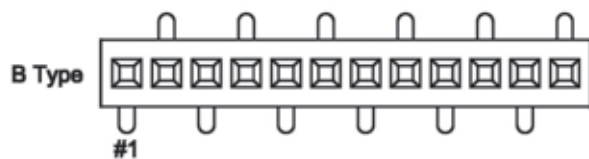
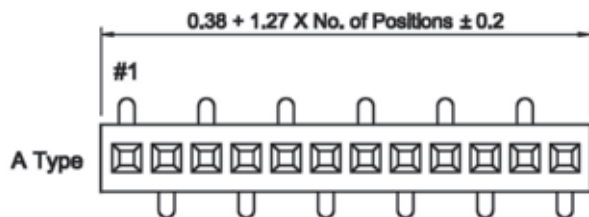
MATERIALS

Contact Material: Phosphor Bronze

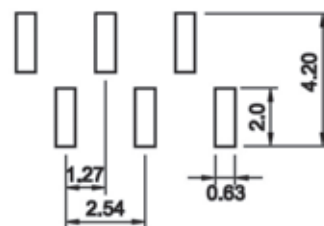
Contact Plating: Gold / Tin over Nickel

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

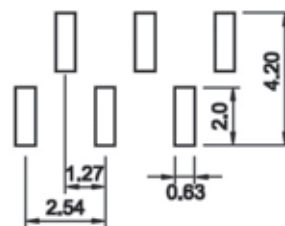
* RoHS & REACH compliant.



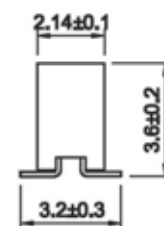
Recommended P.C.Board Layout



A Type



B Type



ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:

"EC" A TYPE

"ED" 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

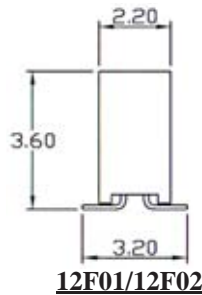
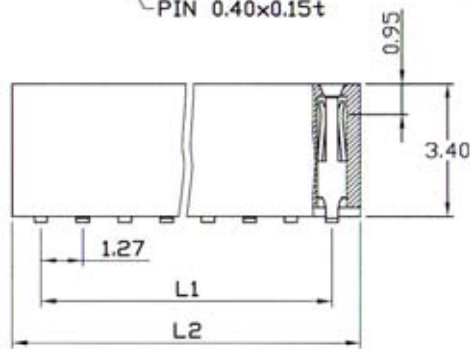
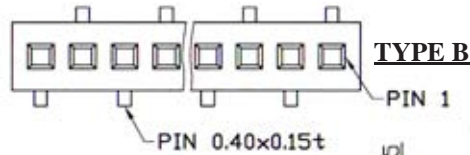
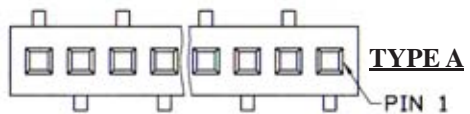
"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

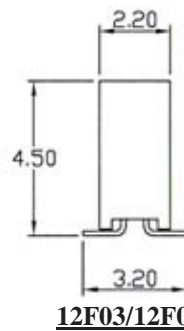
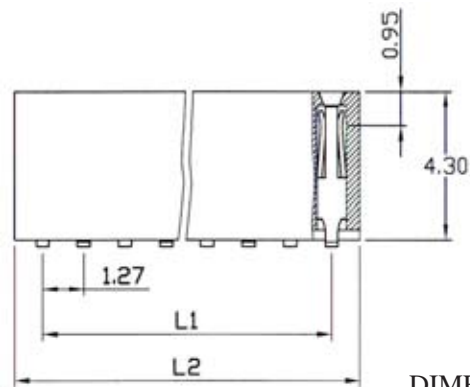
"G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

1.27MM 0.40MMSQ FEMALE HEADER SINGLE ROW SMT TYPE PROFILE=3.40MM & 4.30MM



12F01/12F02



12F03/12F04

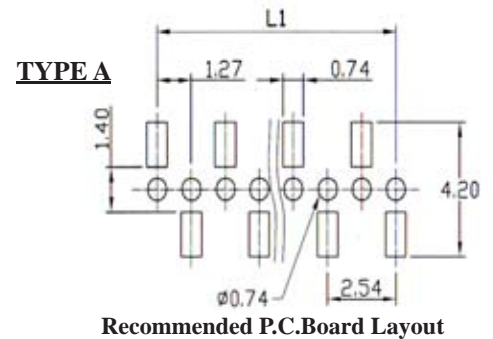
DIMENSIONS:
 $L1 = 1.27 \times (\text{No. of Contacts/Row} - 1)$
 $L2 = 1.27 \times \text{No. of Contacts/Row} + 0.4$

SPECIFICATIONS

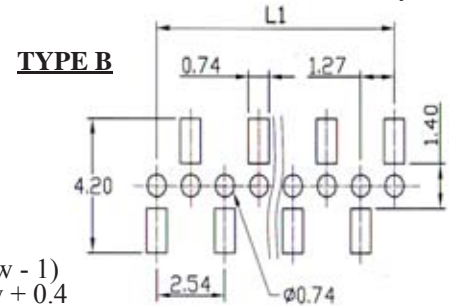
- Current Rating: 1.0 Amp
- Dielectric Withstand: 300V AC
- Insulator Resistance: 1000 MΩ min.
- Contact Resistance: 20mΩ Max.
- Operating Temperature: -40°C to +105°C

MATERIALS

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



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

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

1. PCB LAYOUT TYPE:

- "F01" H= 3.4MM TYPE A
- "F01" H= 3.4MM TYPE B
- "F03" H= 4.3MM TYPE A
- "F04" H= 4.3MM TYPE B

2. NO. OF CONTACTS:

003 ~ 050

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

1.27MM*1.27MM FEMALE HEADER SINGLE ROW SMT TYPE PROFILE = 4.3MM

SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

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

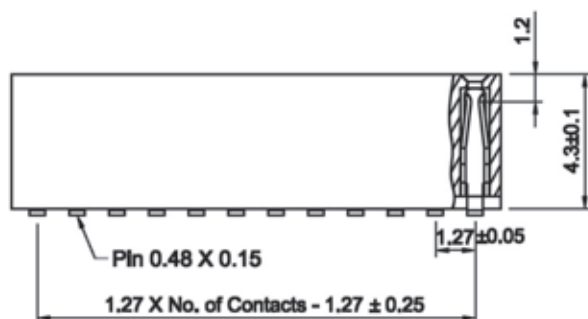
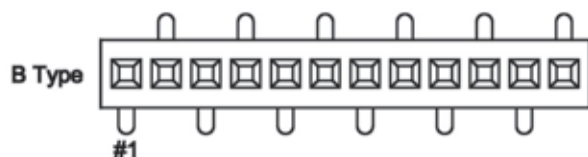
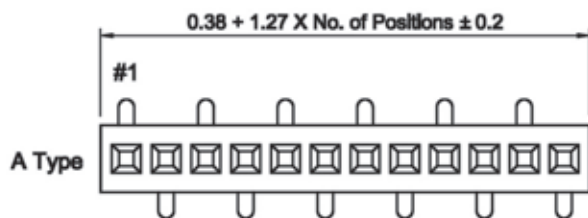
MATERIALS

Contact Material: Phosphor Bronze

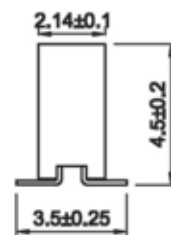
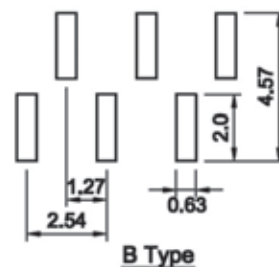
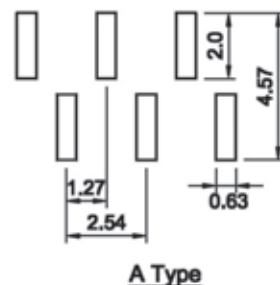
Contact Plating: Gold / Tin over Nickel

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

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:

"EA" A TYPE

"EB" 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

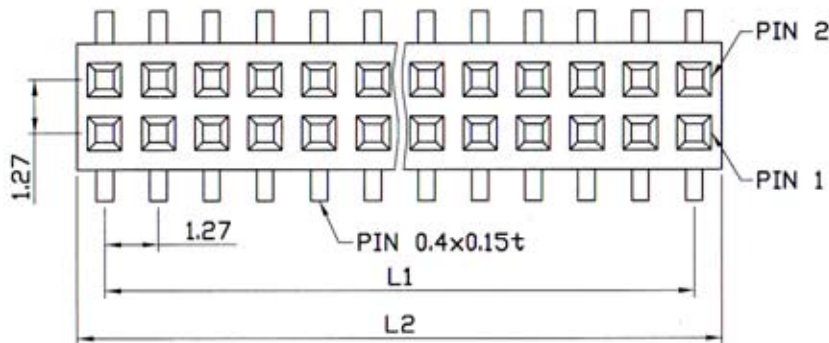
"Q" WITH PAD IN TAPE & REEL

"F" WITH FILM IN TUBE

"G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

1.27MM x 1.27MM FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM

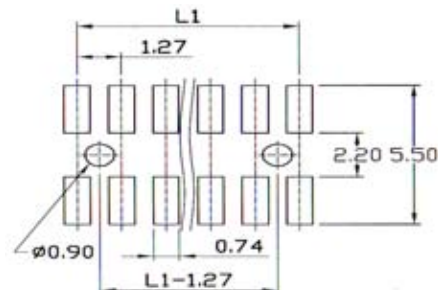
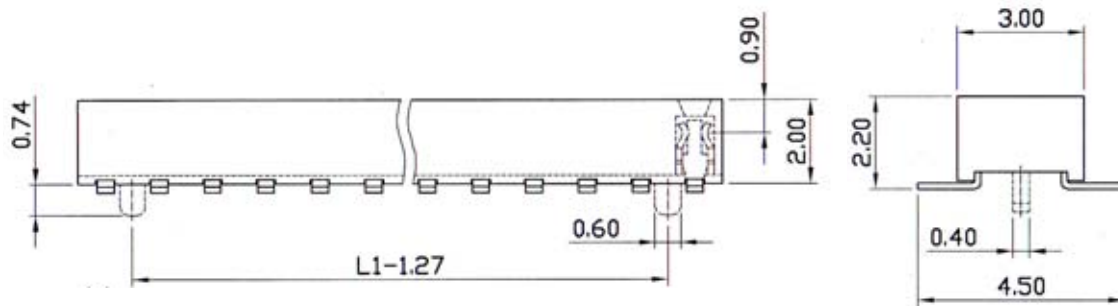


SPECIFICATIONS

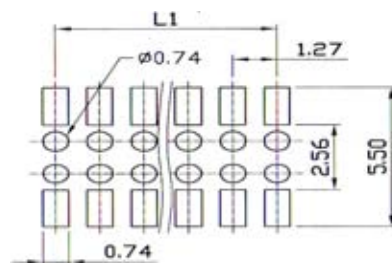
Current Rating: 1.0 Amp
 Dielectric Withstand: 300V AC
 Insulator Resistance: 1000 MΩ min.
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to + 105°C

MATERIALS

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



Recommended P.C.Board Layout
(WITH LOCATING PEG)



Recommended P.C.Board Layout
(W/O LOCATING PEG)

DIMENSIONS:

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

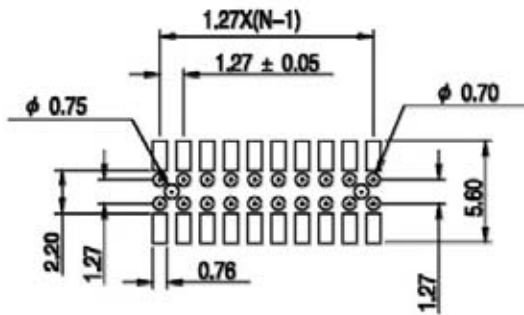
ORDERING INFORMATION:

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

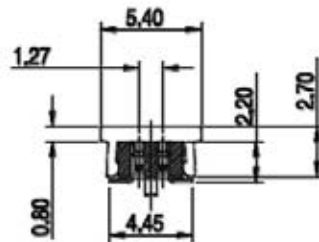
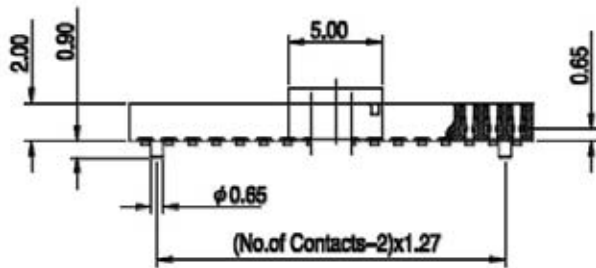
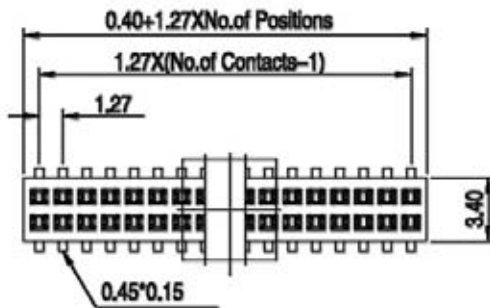
1. LOCATING PEG OPTION:
 "C61" W/O LOCATING PEG
 "C62" WITH LOCATING PEG
2. NO. OF CONTACTS:
 006 ~ 100
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED
4. PAD & PACKAGE OPTION:
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

1.27MM x 1.27MM FEMALE HEADER BOTTOM ENTRY SMT TYPE PROFILE=2.00MM



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: -40°C to + 105°C

MATERIALS

- Insulator: High Temperature Thermoplastic UL94V-0
- Contacts: Phosphor Bronze
- All materials must be RoHS compliant.

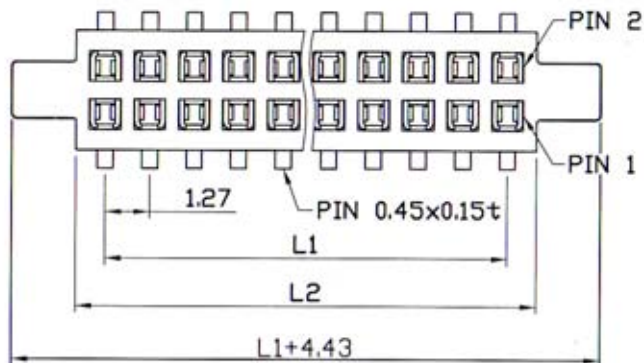
ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:
"GM" WITHOUT LOCATING PEGS
"FR" WITH LOCATING PEGS
2. NO. OF CONTACTS:
004 ~ 100
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

1.27MM x 1.27MM FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=2.00MM

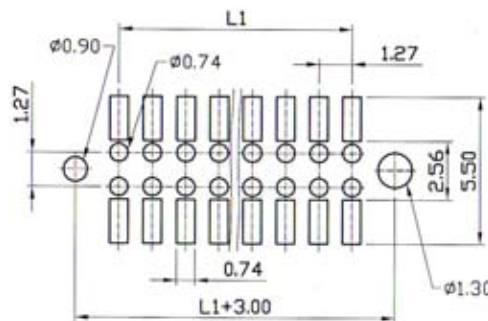
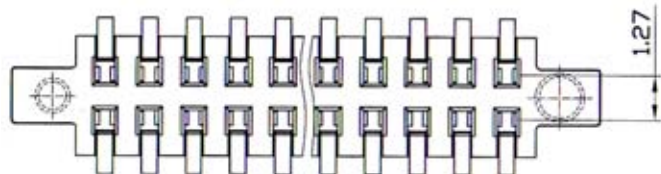
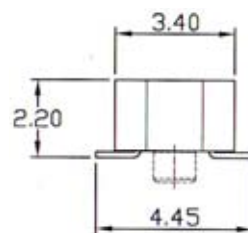


SPECIFICATIONS

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

DIMENSIONS:

$L1 = 1.27 \times (\text{No. of Contacts/Row} - 1)$
 $L2 = 1.27 \times \text{No. of Contacts/Row} + 0.4$

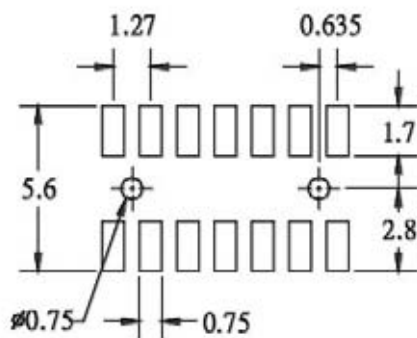
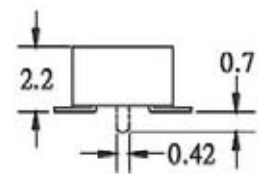
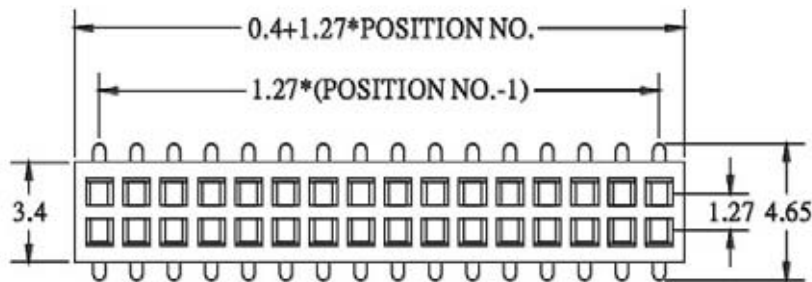
ORDERING INFORMATION:

P/N 1 2 $\frac{C46}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"C46" WITH LOCATING PEG
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

1.27MM x 1.27MM FEMALE HEADER BOTTOM ENTRY SMT TYPE PROFILE=2.00MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 0.5 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 x x x - x x x x B - x
1 2 3 4

1. LOCATING PEG OPTION:
"G01" WITHOUT LOCATING PEGS
"G02" WITH LOCATING PEGS
2. NO. OF CONTACTS:
004 ~ 060
3. CONTACT FINISH:
"G" FULL GOLD 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

1.27MM*1.27MM FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE = 2.1MM

SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

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

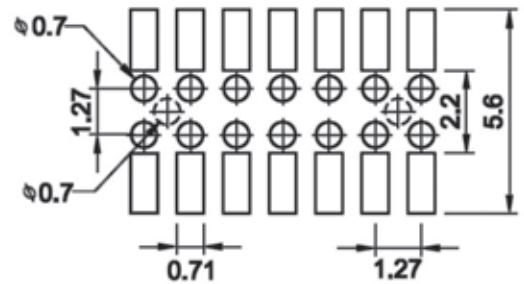
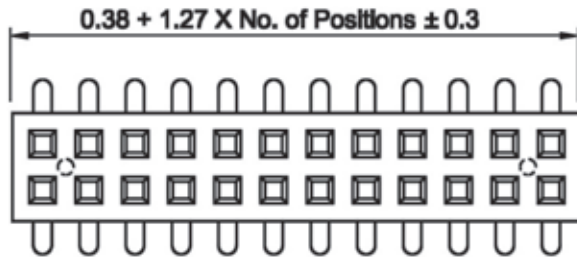
MATERIALS

Contact Material: Phosphor Bronze

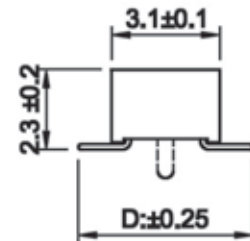
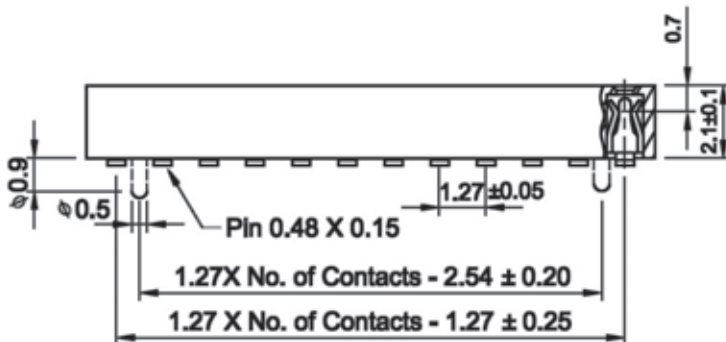
Contact Plating: Gold / Tin over Nickel

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

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:

- "C65" D= 4.5MM W/O LOCATING PEGS
- "C66" D= 4.5MM WITH LOCATING PEGS
- "C67" D= 4.8MM W/O LOCATING PEGS
- "C68" D= 4.8MM WITH LOCATING PEGS

2. NO. OF CONTACTS:

004~100

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
- "F" WITH FILM IN TUBE
- "G" WITH FILM IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

**1.27MM x 1.27MM FEMALE HEADER DOUBLE ROW SMT TYPE
PROFILE=2.1MM, 3.4MM & 4.3MM**

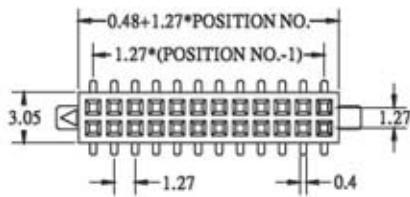
HEIGHT		PLASTIC PEG	METAL PEG
X	Y	TYPE A	TYPE B
2.10	2.25	G23	G24
3.40	3.55	G25	G26
4.30	4.45	G27	G28

SPECIFICATIONS

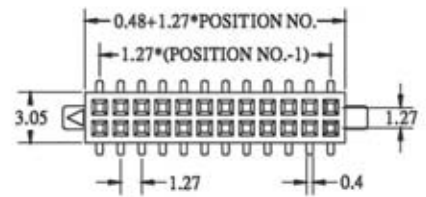
Current Rating: 0.5 Amp
 Contact Resistance: 30mΩ Max.
 Insulator Resistance: 1000 MΩ Min.
 Dielectric Withstand: 250V AC For 1 Min.
 Operating Temperature: -40°C to +105°C

MATERIALS

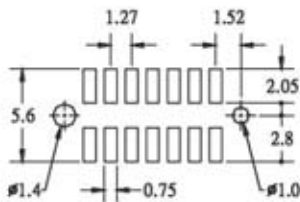
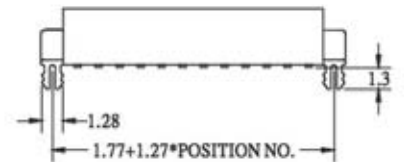
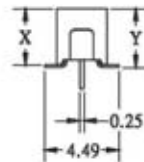
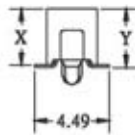
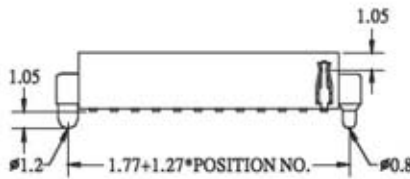
Insulator: LCP, Glass Reinforced, UL94V-0
 Contacts: Phosphor Bronze
 All materials must be RoHS compliant.



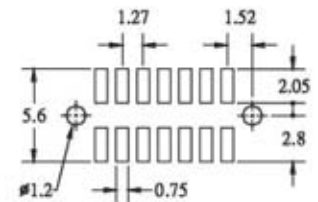
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

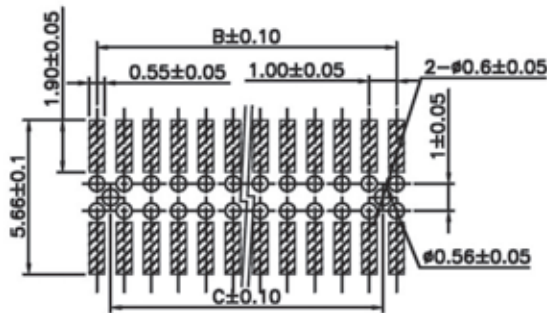
ORDERING INFORMATION:

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

- INSULATOR HEIGHT & PEG TYPE:
G23, G24, G25, G26, G27, G28
- NO. OF CONTACTS:
004 ~ 100
- CONTACT FINISH:
"G" FULL GOLD 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 1.27MM FEMALE HEADER DOUBLE ROW SMT TYPE PROFILE=3.15MM



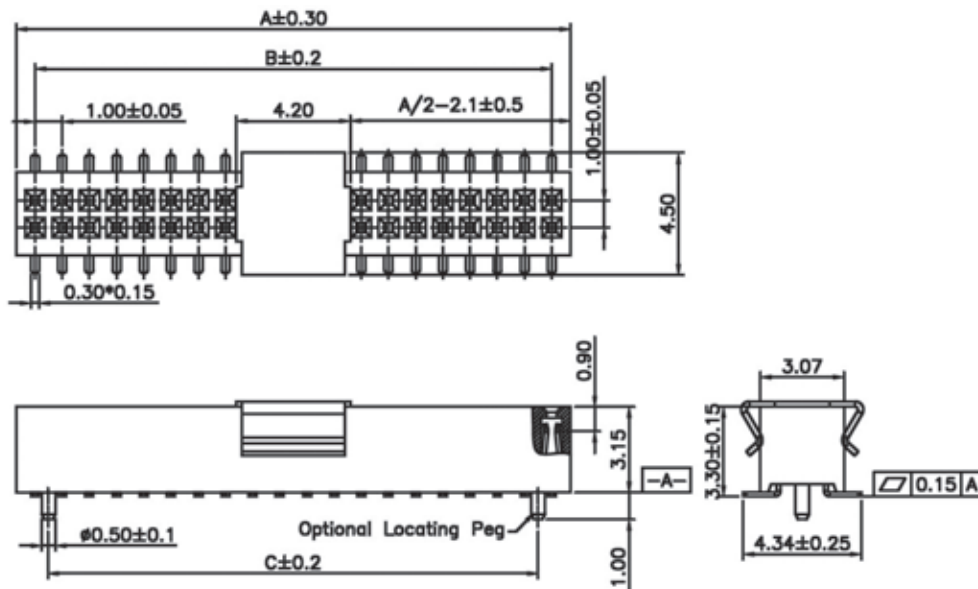
Recommended P.C.Board Layout

SPECIFICATIONS

- Current Rating: 1.0 A
- Voltage Rating: 100V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 5000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +125°C

MATERIALS

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



$$A = B + 1.40$$

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

$$C = B - 1.00$$

ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:
 "H13" WITHOUT LOCATING PEGS
 "H14" WITH LOCATING PEGS
2. NO. OF CONTACTS:
 004 ~ 100
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

1.27MM*1.27MM FEMALE HEADER WITH INNER LOCATING PEGS DOUBLE ROW SMT TYPE PROFILE = 3.4MM

SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

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

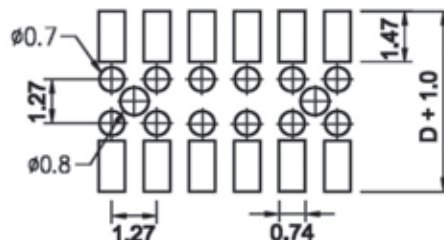
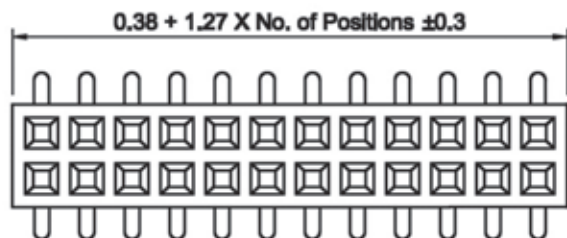
MATERIALS

Contact Material: Phosphor Bronze

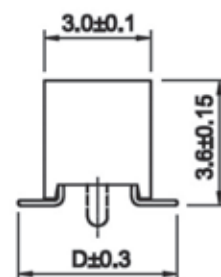
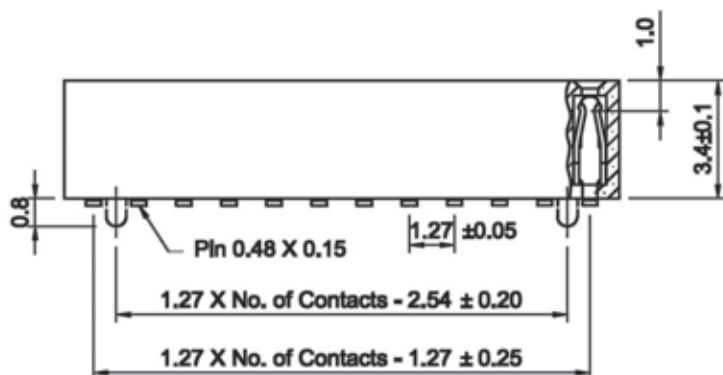
Contact Plating: Gold / Tin over Nickel

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

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:
"7TV" D=4.5MM W/O LOCATING PEGS
"C92" D=4.5MM 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
NOTE: SEE 127GV & 127GY FOR D=4.8MM

1.27MM*1.27MM FEMALE HEADER DOUBLE ROW WITH INNER LOCATING PEGS SMT TYPE PROFILE = 3.40MM

SPECIFICATIONS

Rating Current: 1 Ampere Max.

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

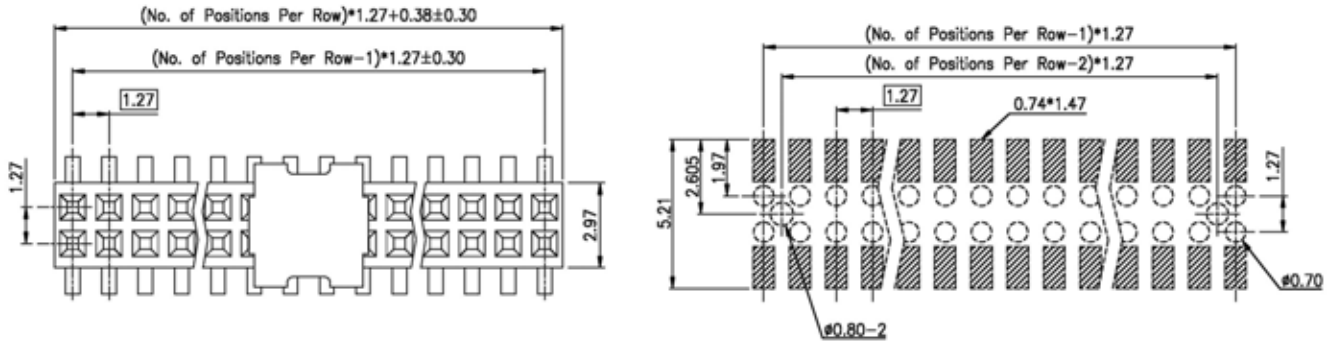
Operating Temperature: -55°C to +105°C

MATERIALS

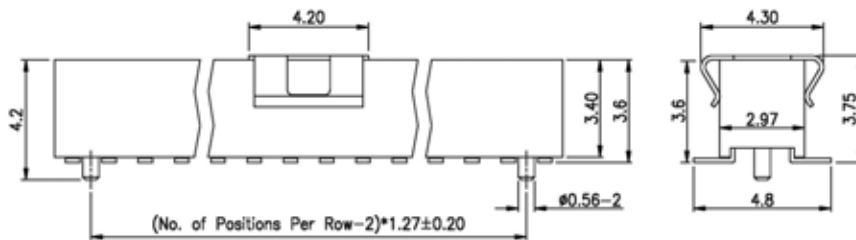
Housing: Hi.-Temp. Plastic (UL 94V-0), Black

Terminal: Copper Alloy, Gold Plating

* 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 - $\frac{x}{4}$

1. LOCATING PEG OPTION:
"GV" W/O LOCATING PEG
"GY" WITH LOCATING PEGS
2. NO. OF CONTACTS:
006~100
3. CONTACT FINISH:
"G" FULL GOLD PLATED
4. PACKAGE TYPE:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

1.27MM*1.27MM FEMALE HEADER WITH EXTERNAL LOCATING PEGS DOUBLE ROW SMT TYPE PROFILE = 3.4MM

SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

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

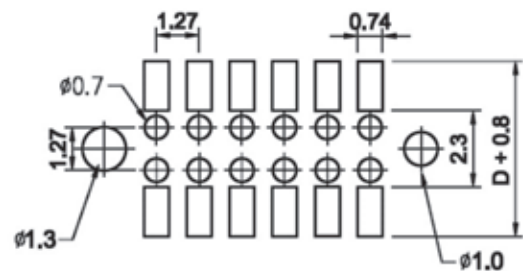
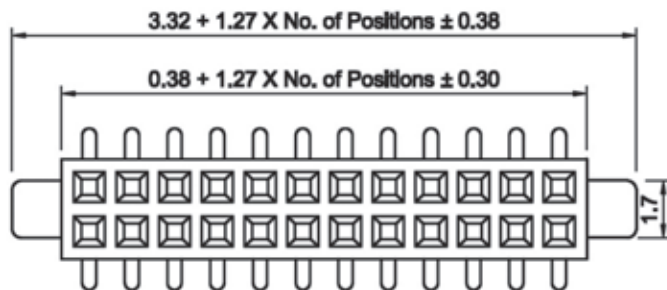
MATERIALS

Contact Material: Phosphor Bronze

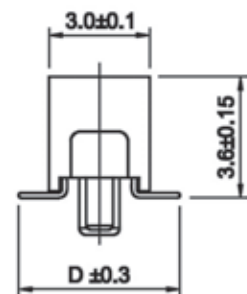
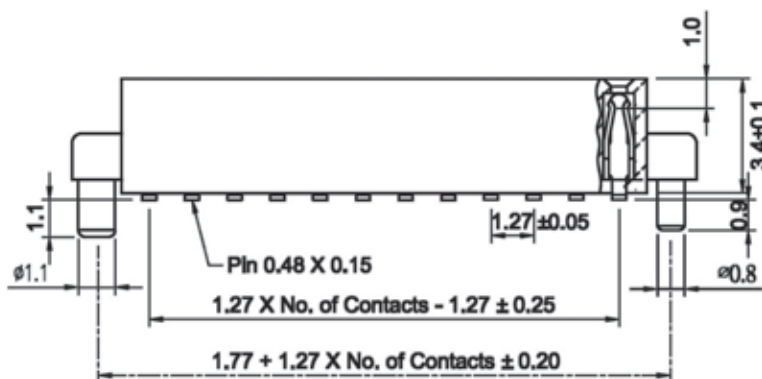
Contact Plating: Gold / Tin over Nickel

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

* RoHS & REACH compliant.



Recommended P.C. Board Layout



ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:

"TV" D=4.5MM W/O LOCATING PEGS

"TW" D=4.5MM 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*1.27MM FEMALE HEADER WITH INNER LOCATING PEGS DOUBLE ROW SMT TYPE PROFILE = 4.3MM

SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

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

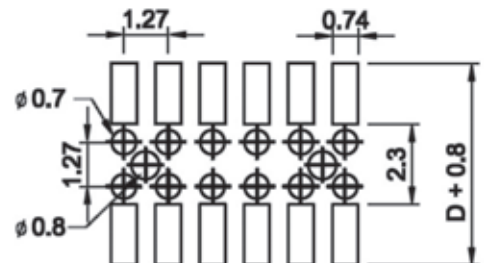
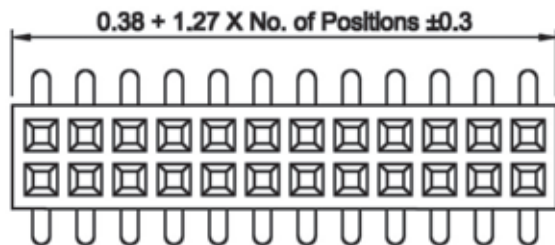
MATERIALS

Contact Material: Phosphor Bronze

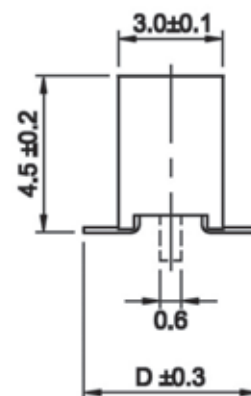
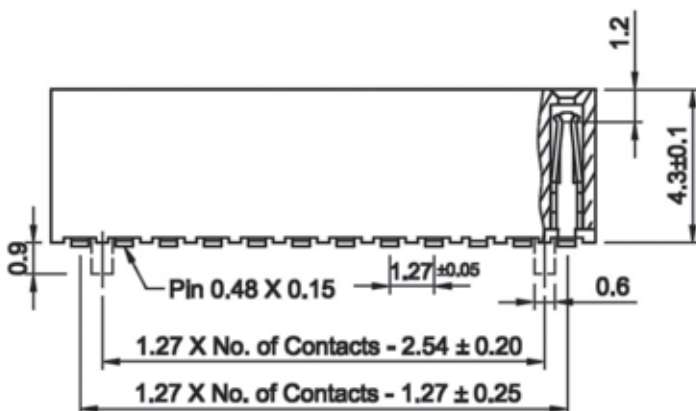
Contact Plating: Gold / Tin over Nickel

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

* RoHS & REACH compliant.



Recommended P.C. Board Layout



ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:

- "127QL" D=4.5MM W/O LOCATING PEGS
- "12C76" D=4.5MM WITH LOCATING PEGS
- "12D12" D=4.8MM W/O LOCATING PEGS
- "12C78" D=4.8MM 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*1.27MM FEMALE HEADER WITH EXTERNAL LOCATING PEGS & POLARIZATION BUMP SMT TYPE PROFILE = 4.3MM

SPECIFICATIONS

Rating Current: 1 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 300V AC

Contact Resistance: 20mΩ Max.

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

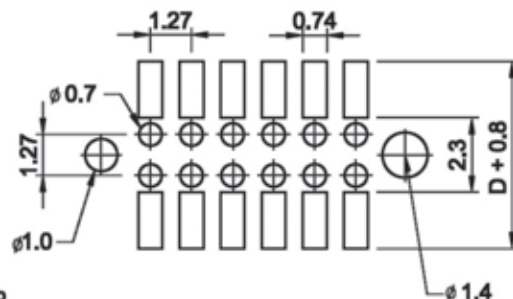
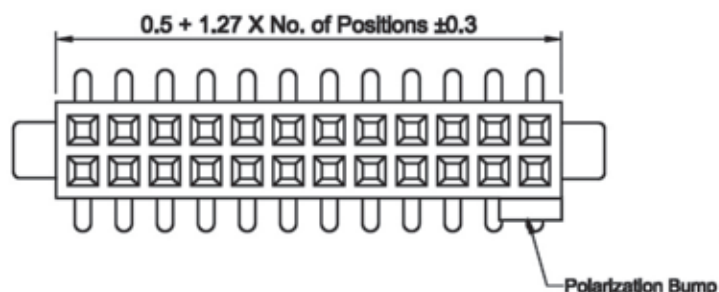
MATERIALS

Contact Material: Phosphor Bronze

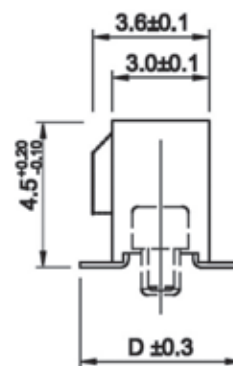
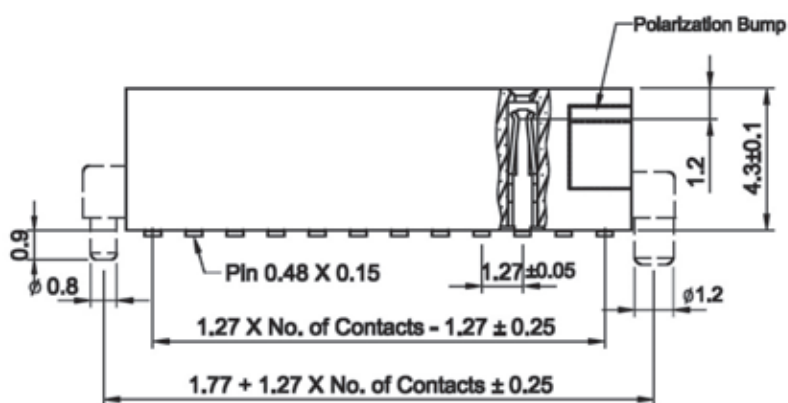
Contact Plating: Gold / Tin over Nickel

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

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

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

1. LOCATING PEG OPTION:

"12C82" D=4.5MM WITH PEGS & WITH POLARIZATION BUMP

"127QM" D=4.5MM WITH PEGS & W/O POLARIZATION BUMP

"12C84" D=4.8MM WITH PEGS & WITH POLARIZATION BUMP

"12C88" D=4.8MM WITH PEGS & W/O POLARIZATION BUMP

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