

## Female Header Series

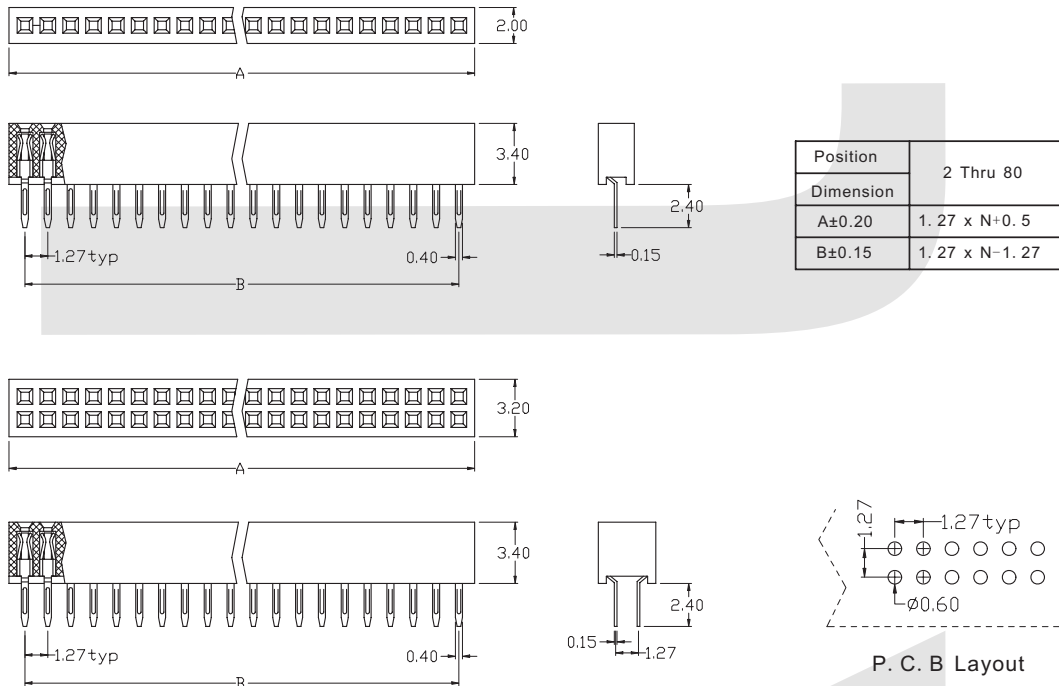
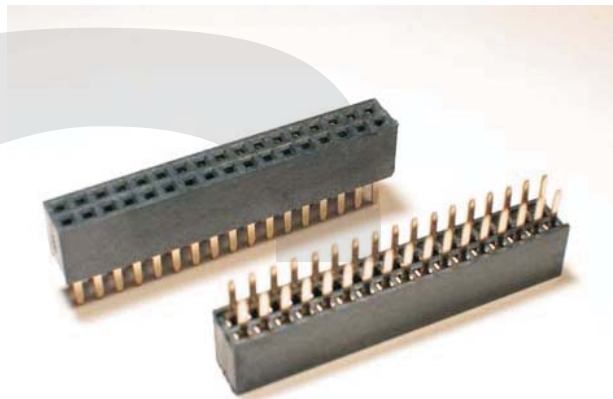
KLS1-208C Female Header 1.27mm(0.050 ")

### Electrical Characteristics:

- Current Rating: 1 AMP
- Insulator Resistance: 5000MΩmin. at DC 500V
- Contact Resistance: 20mΩmax. at DC 100mA
- Operating Temperature: -45°C~+105°C

### Material:

- Housing: 30% Glass filled PBT UL94V-0
- Contacts: Brass
- Plating: Gold plated: 0.8u" over 50u" nickel



## ORDER INFORMATION

Product No.: KLS1-208C-3.4-1-XX-S

Pos. No. \_\_\_\_\_  
Female Header 1.27mm Series  
Height: 4.4mm, 3.4mm

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
Total pin number: XX=06-64Pin  
1=Single layer 2=Double layer



**Female Header Series**

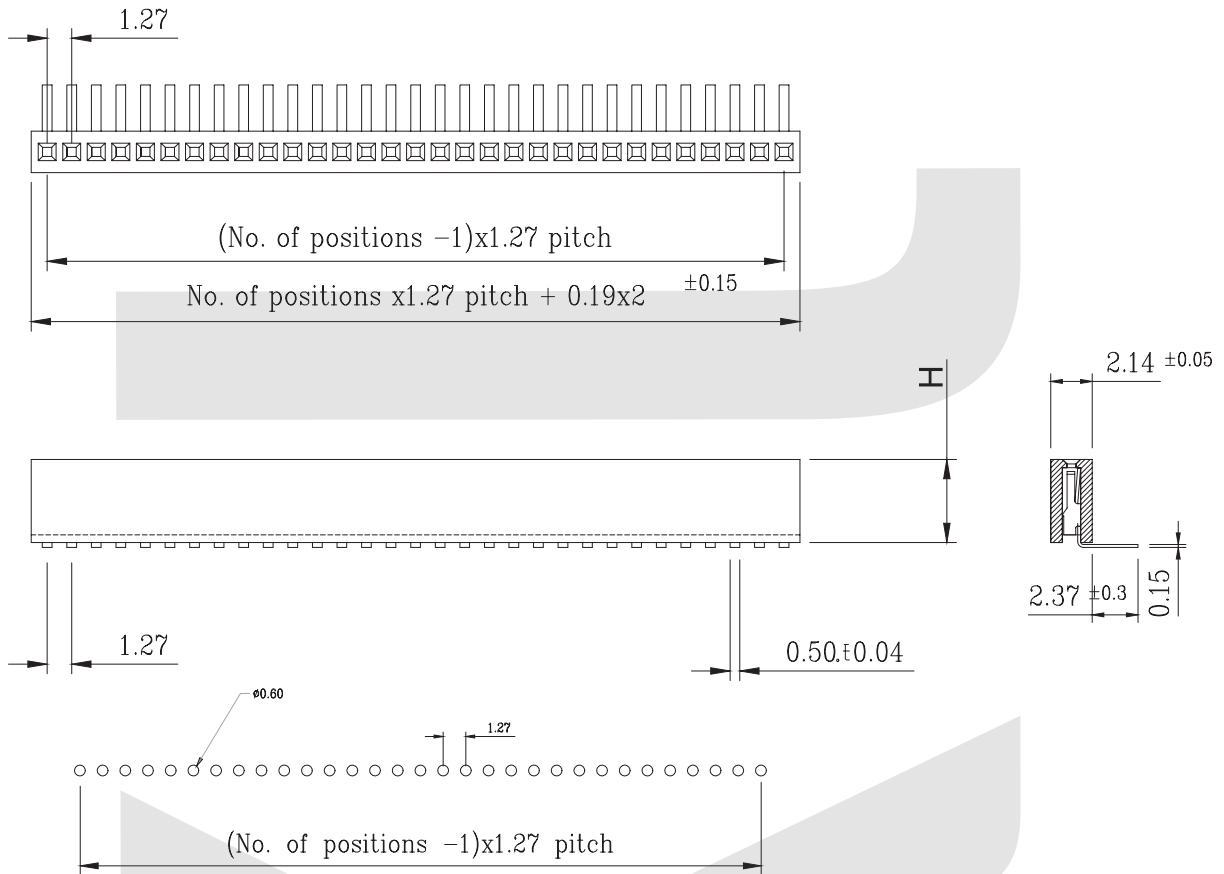
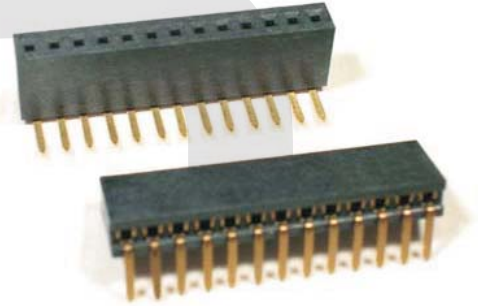
KLS1-208C Female Header 1.27mm(0.050 ")

**Electrical Characteristics:**

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- Insulator Resistance: 5000MΩmin. at DC 500V
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**Material:**

- Housing: 30% Glass filled PBT UL94V-0
- Contacts: Brass
- Plating: Gold plated: 0.8u" over 50u" nickel



**ORDER INFORMATION**

Product No.: KLS1-208C-3.4-1-XX-R

Pos. No. \_\_\_\_\_  
 Female Header 1.27mm Series  
 Height: 4.4mm, 3.4mm

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
 Total pin number: XX=06-64Pin  
 1=Single layer 2=Double layer

**Female Header Series**

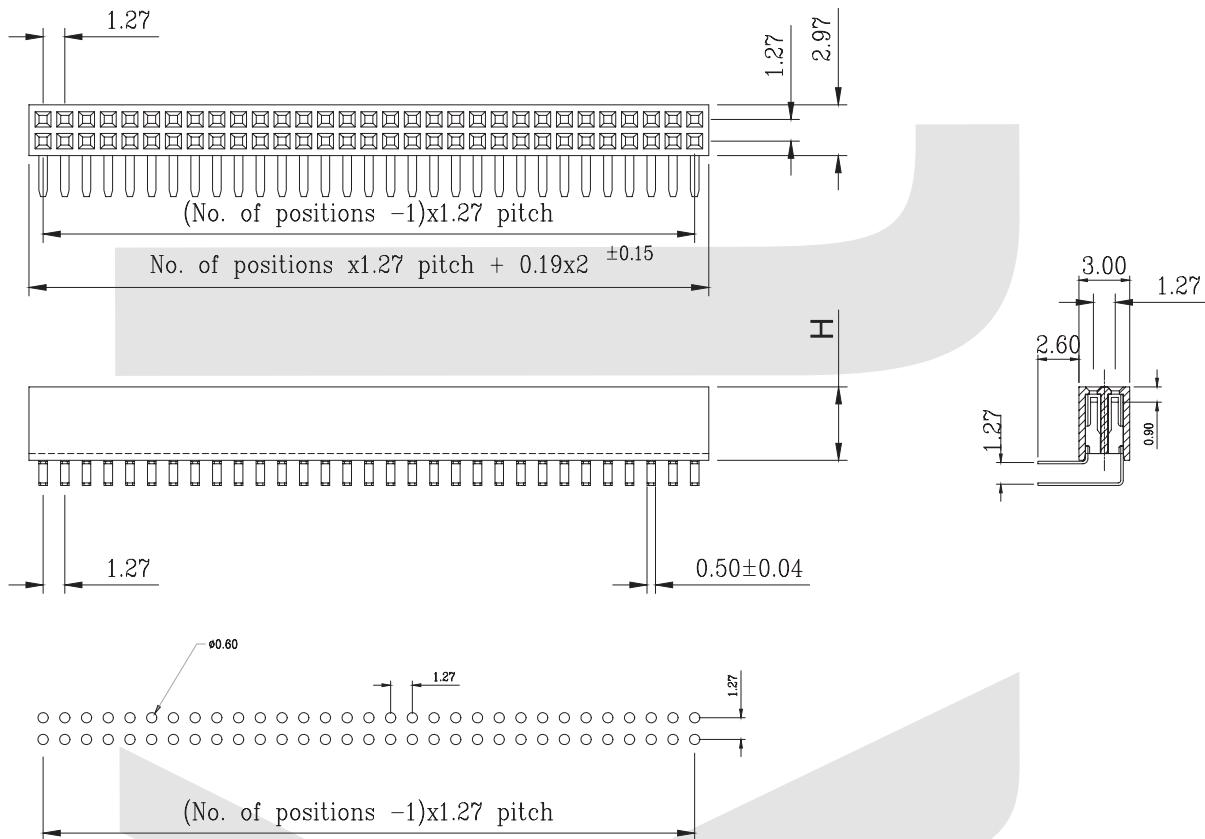
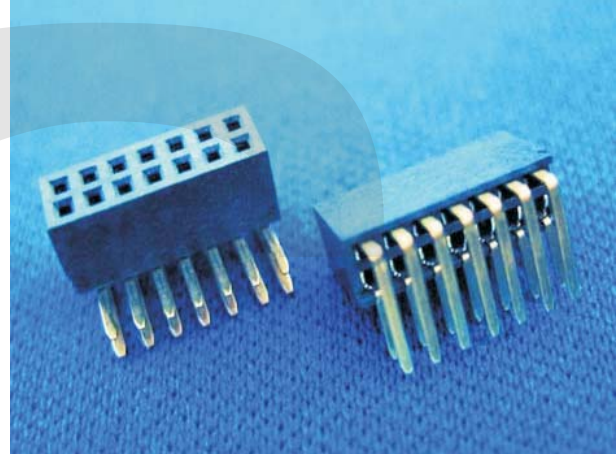
KLS1-208C Female Header 1.27mm(0.050 ")

**Electrical Characteristics:**

- Current Rating: 1 AMP
- Insulator Resistance: 5000MΩmin. at DC 500V
- Contact Resistance: 20mΩmax. at DC 100mA
- Operating Temperature: -45°C~+105°C

**Material:**

- Housing: 30% Glass filled PBT UL94V-0
- Contacts: Brass
- Plating: Gold plated: 0.8u" over 50u" nickel



**ORDER INFORMATION**

Product No.: KLS1-208C-3.4-1-XX-R

Pos. No. \_\_\_\_\_  
Female Header 1.27mm Series  
Height: 4.4mm, 3.4mm

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
Total pin number: XX=06-64Pin  
1=Single layer 2=Double layer

**Female Header Series**

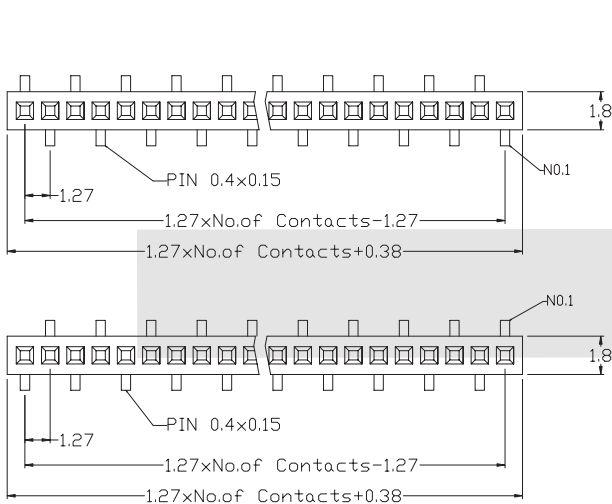
KLS1-208C Female Header 1.27mm(0.050 ")

**Electrical Characteristics:**

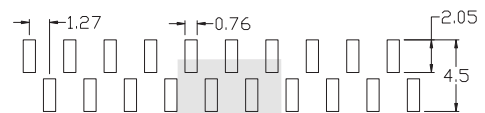
- Current Rating: 1 AMP
- Insulator Resistance: 5000MΩmin. at DC 500V
- Contact Resistance: 20mΩmax. at DC 100mA
- Operating Temperature: -45°C~+105°C

**Material:**

- Housing: 30% Glass filled PBT UL94V-0
- Contacts: Brass
- Plating: Gold plated: 0.8u" over 50u" nickel



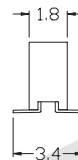
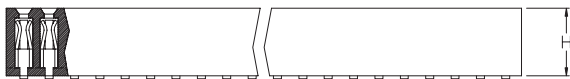
T1 Type



T2 Type



PCB Layout



**ORDER INFORMATION**

ProductNo.: KLS1 - 208C - 3.4 - 1 - XX - T1

Pos. No. \_\_\_\_\_  
 Female Header 1.27mm Series  
 Height: 4.4mm, 3.4mm, 2.1mm

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
 Total pin number: XX=06-64Pin  
 1=Single layer

## Female Header Series

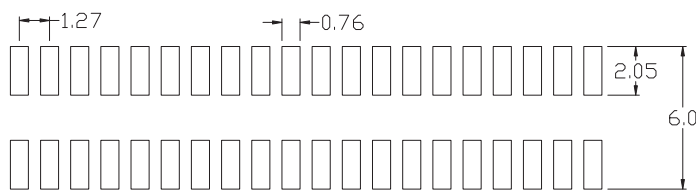
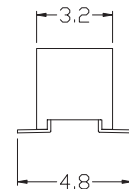
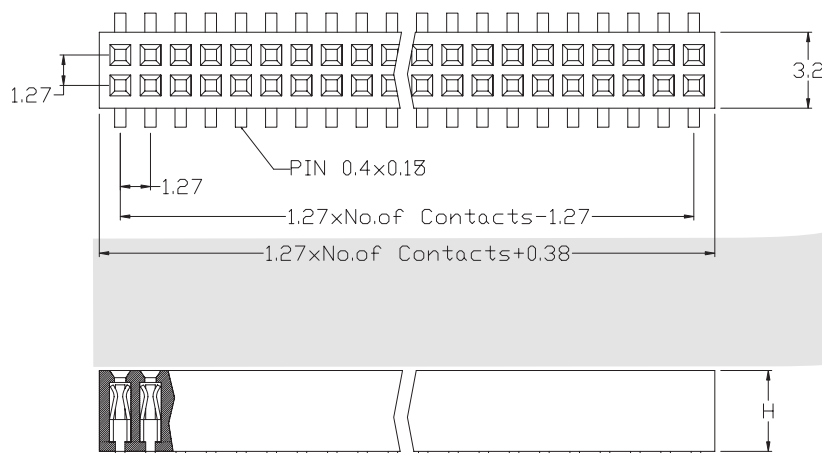
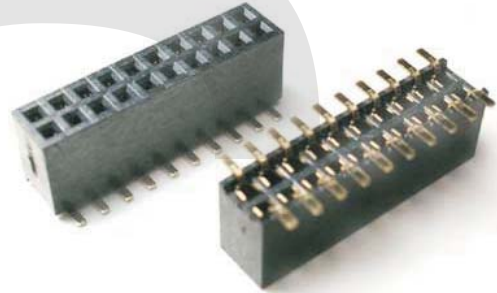
KLS1-208C Female Header 1.27mm(0.050 ")

### Electrical Characteristics:

- Current Rating: 1 AMP
- Insulator Resistance: 5000MΩmin. at DC 500V
- Contact Resistance: 20mΩmax. at DC 100mA
- Operating Temperature: -45°C~+105°C

### Material:

- Housing: 30% Glass filled PBT UL94V-0
- Contacts: Brass
- Plating: Gold plated: 0.8u" over 50u" nickel



PCB Layout

## ORDER INFORMATION

Product No.: KLS1-208C-3.4-2-XX-T

Pos. No. \_\_\_\_\_  
Female Header 1.27mm Series  
Height: 4.4mm, 3.4mm

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
Total pin number: XX=06-64Pin  
2=Double layer

## Female Header Series

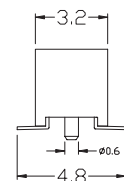
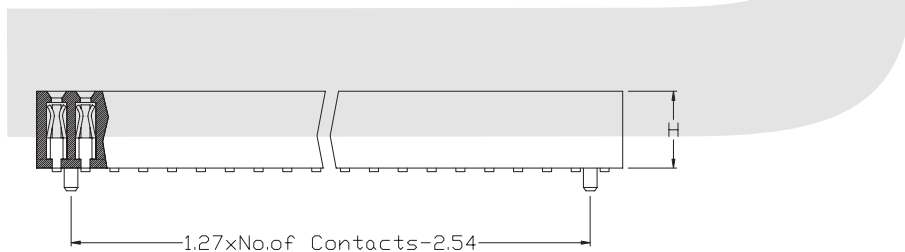
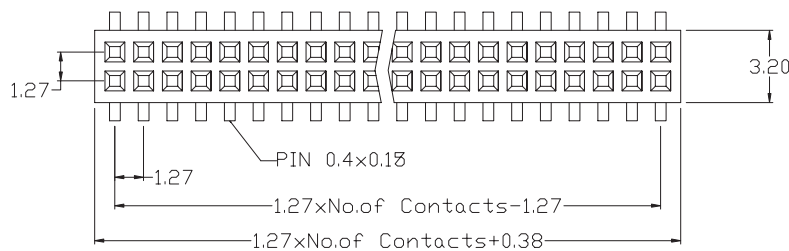
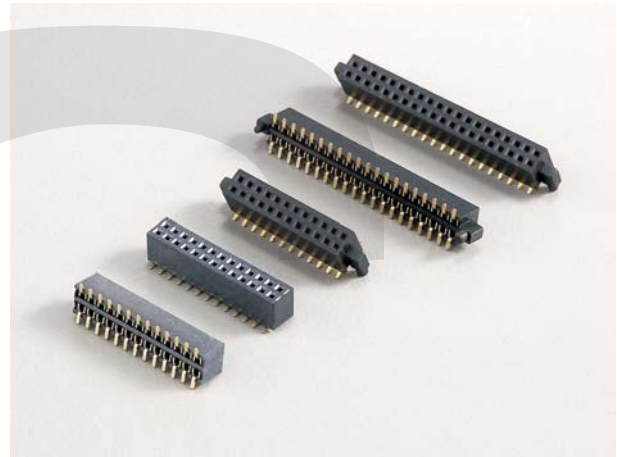
KLS1-208C Female Header 1.27mm(0.050 ")With positioning

### Electrical Characteristics:

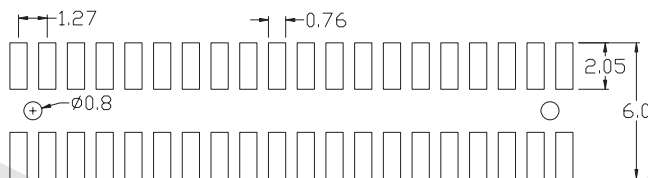
- Current Rating: 1 AMP
- Insulator Resistance: 5000MΩmin. at DC 500V
- Contact Resistance: 20mΩmax. at DC 100mA
- Operating Temperature: -45°C~+105°C

### Material:

- Housing: 30% Glass filled PBT UL94V-0
- Contacts: Brass
- Plating: Gold plated: 0.8u" over 50u" nickel



T3 Type



PCB Layout

## ORDER INFORMATION

Product No.: KLS1-208C-4.3-1-XX-T3

Pos. No. \_\_\_\_\_  
Female Header 1.27mm Series  
Height: 3.4mm, 4.3mm

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
Total pin number: XX=06-64Pin  
1=Single layer 2=Double layer



**Female Header Series**

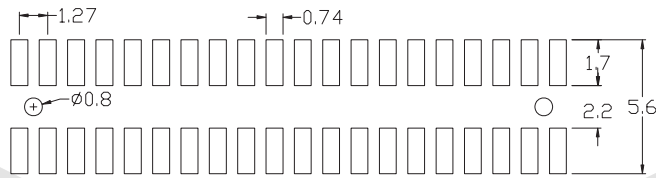
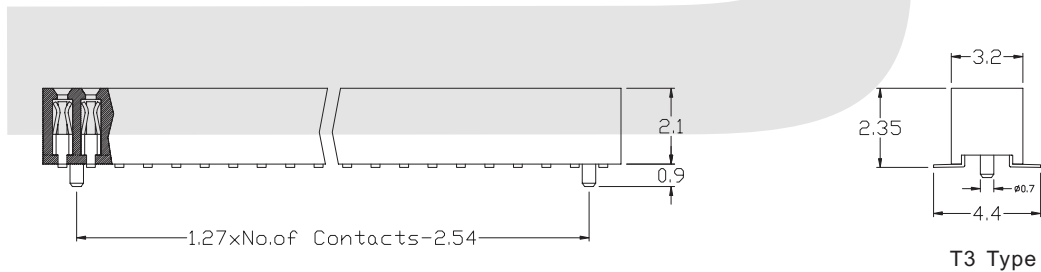
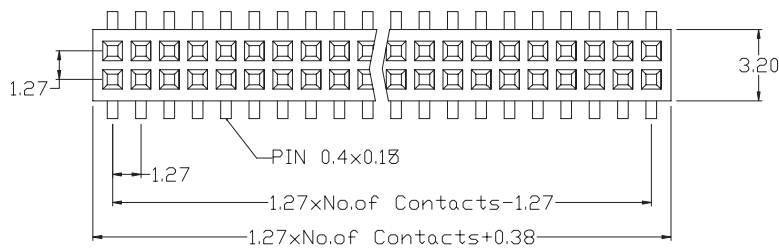
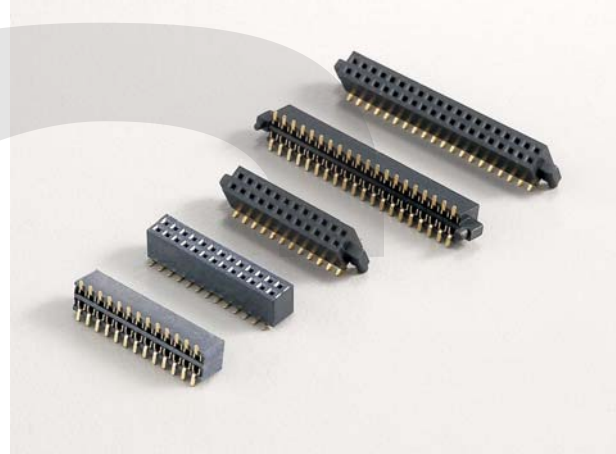
KLS1-208C Female Header 1.27mm(0.050 ")With positioning

**Electrical Characteristics:**

- Current Rating: 1 AMP
- Insulator Resistance: 5000MΩmin. at DC 500V
- Contact Resistance: 20mΩmax. at DC 100mA
- Operating Temperature: -45°C~+105°C

**Material:**

- Housing: 30% Glass filled PBT UL94V-0
- Contacts: Brass
- Plating: Gold plated: 0.8u" over 50u" nickel



PCB Layout

**ORDER INFORMATION**

Product No.: KLS1-208C-2.1-1-XX-T3

Pos. No. \_\_\_\_\_  
Female Header 1.27mm Series  
Height: 2.1mm

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
Total pin number: XX=06-64Pin  
1=Single layer 2=Double layer

## Female Header Series

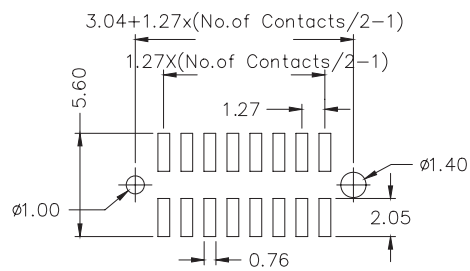
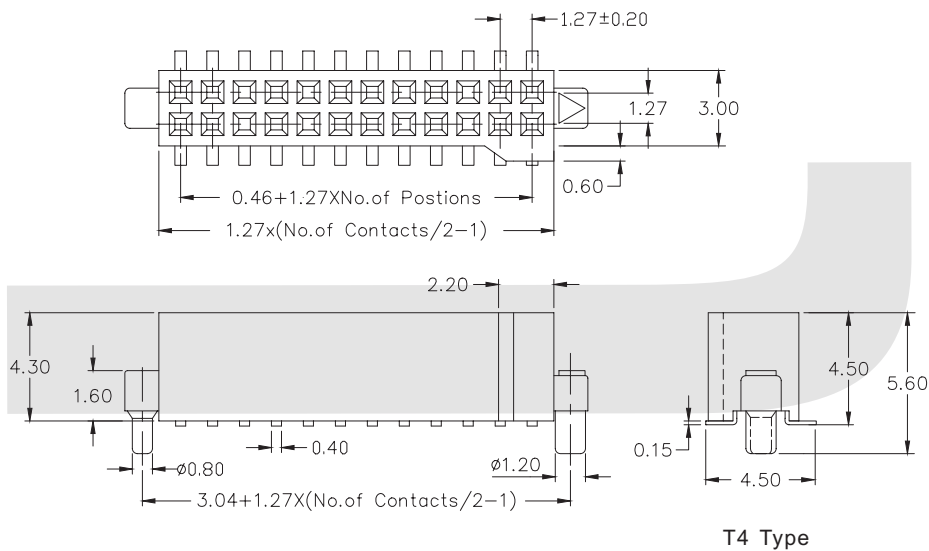
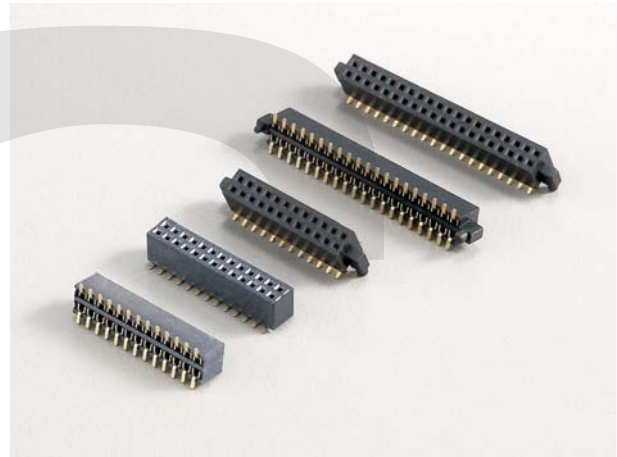
KLS1-208C Female Header 1.27mm(0.050 ")With positioning

### Electrical Characteristics:

- Current Rating: 1 AMP
- Insulator Resistance: 5000MΩmin. at DC 500V
- Contact Resistance: 20mΩmax. at DC 100mA
- Operating Temperature: -45°C~+105°C

### Material:

- Housing: 30% Glass filled PBT UL94V-0
- Contacts: Brass
- Plating: Gold plated: 0.8u" over 50u" nickel



Recommended P.C.Board Layout

## ORDER INFORMATION

Product No.: KLS1-208C-4.3-1-XX-T4

Pos. No. _____	Tail Style: S=Straight Pin R=Right Pin T=SMT Pin
Female Header 1.27mm Series	Total pin number: XX=06-64Pin
Height: 4.3mm	1=Single layer 2=Double layer

All specification & dimensions are subject to change, please call your nearest KLS sales representative for update information

## Female Header Series

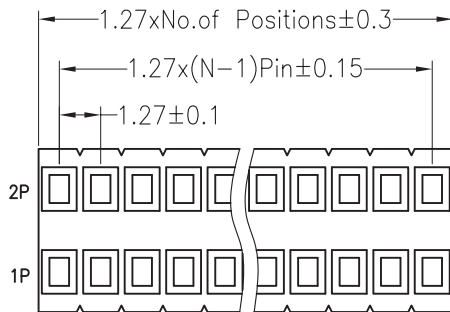
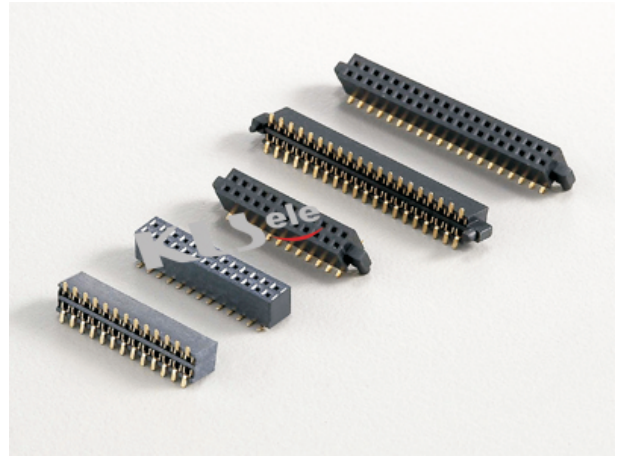
KLS1-208C

1.27mm Pitch Female Header Connector

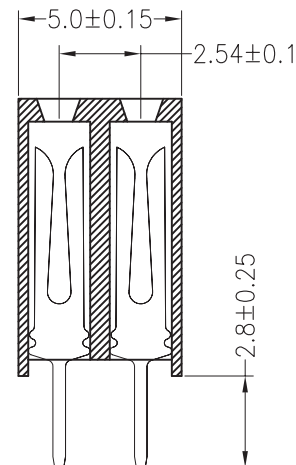
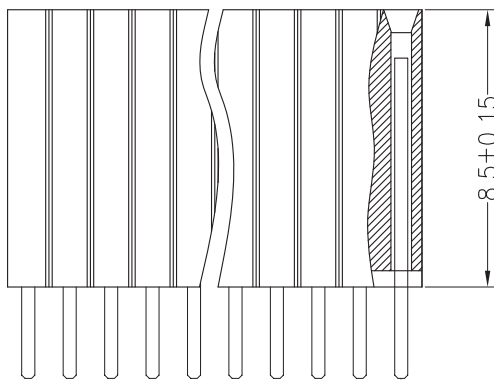
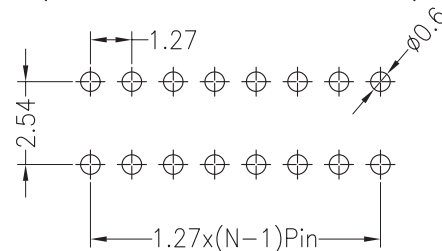
### SPECIFICATIONS

Rated Current:1.0AMP  
 Contact Resistance:20mΩ Max  
 Withstand Voltage:500V AC/DC  
 Insulation Resistance:1000MΩ Min  
 Operation Temperature:-40°C to +105°C

Contact Material:Brass  
 Contact Plating:Au Over Ni  
 Insulator Material:Polyester(UL94V-0)  
 Standard: PA6T  
 Max.Processing Temp: 230°C for 30-60 seconds  
 (260°C for 10 seconds)



Recommended P.C.B Layout(Top Side)  
 (PCB BOARD TOLERANCE ± 0.05)



## ORDER INFORMATION

Product NO.: L-KLS1-208C-8.5-2-10-S

