

Connector

KLS electronic
www.cnkls.com

Female Header Series

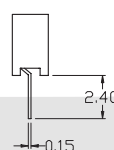
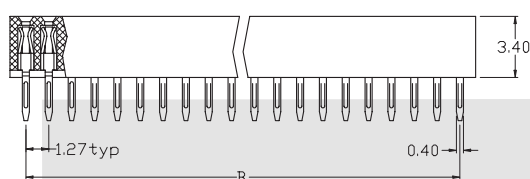
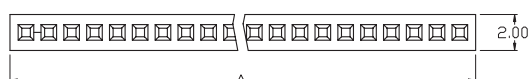
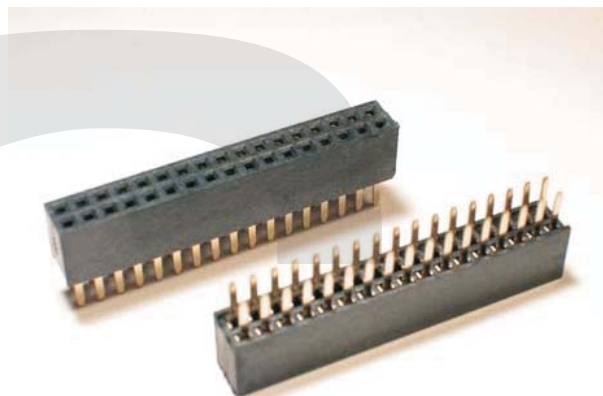
KLS1-208C Female Header 1.27mm(0.050")

Electrical Characteristics:

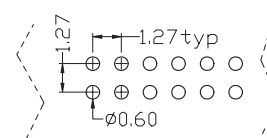
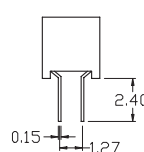
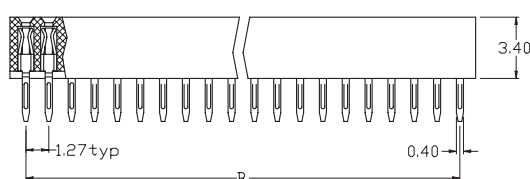
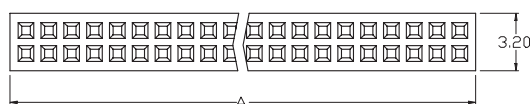
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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



Position	2 Thru 80
Dimension	
A±0.20	1.27 x N+0.5
B±0.15	1.27 x N-1.27



P. C. B Layout

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

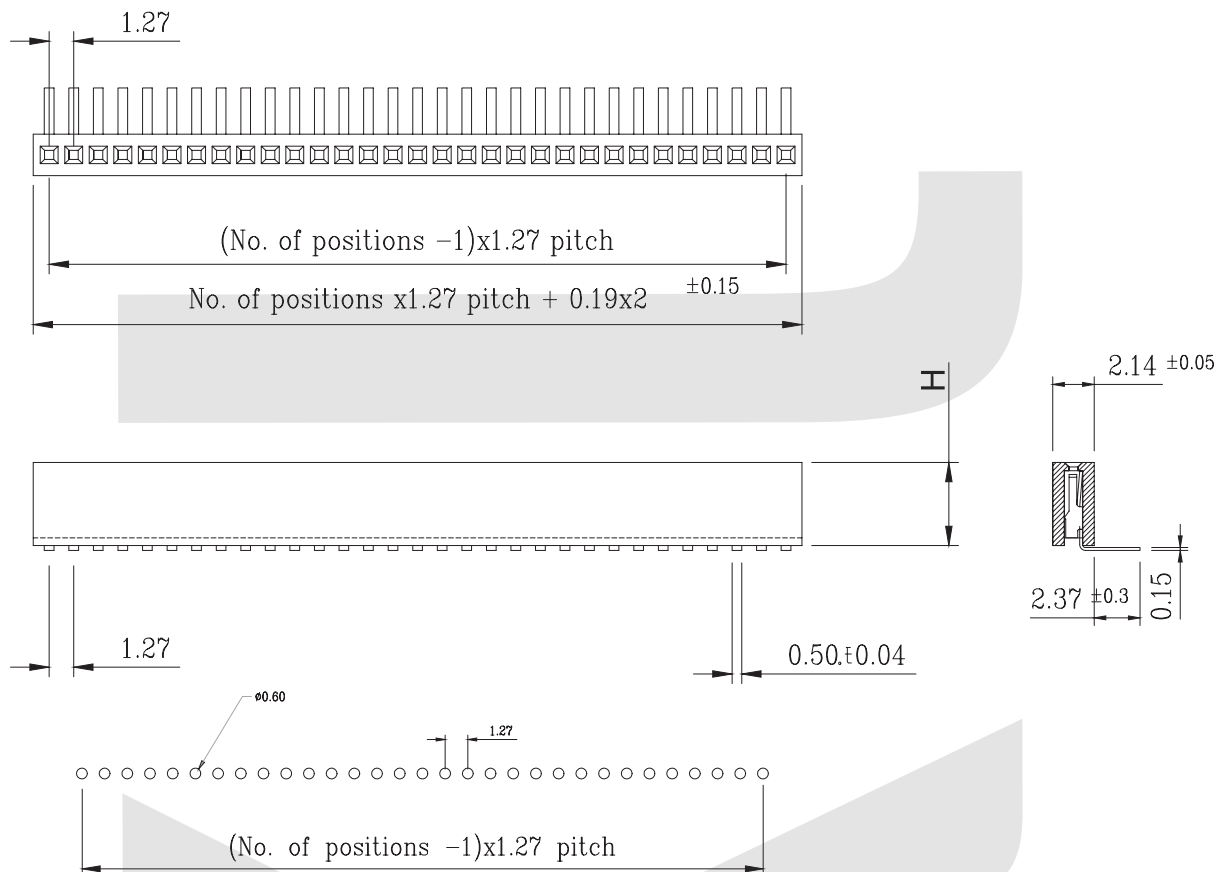
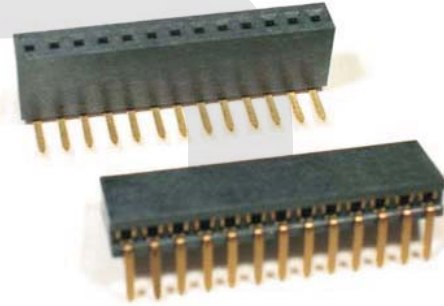
KLS1-208C Female Header 1.27mm(0.050")

Electrical Characteristics:

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

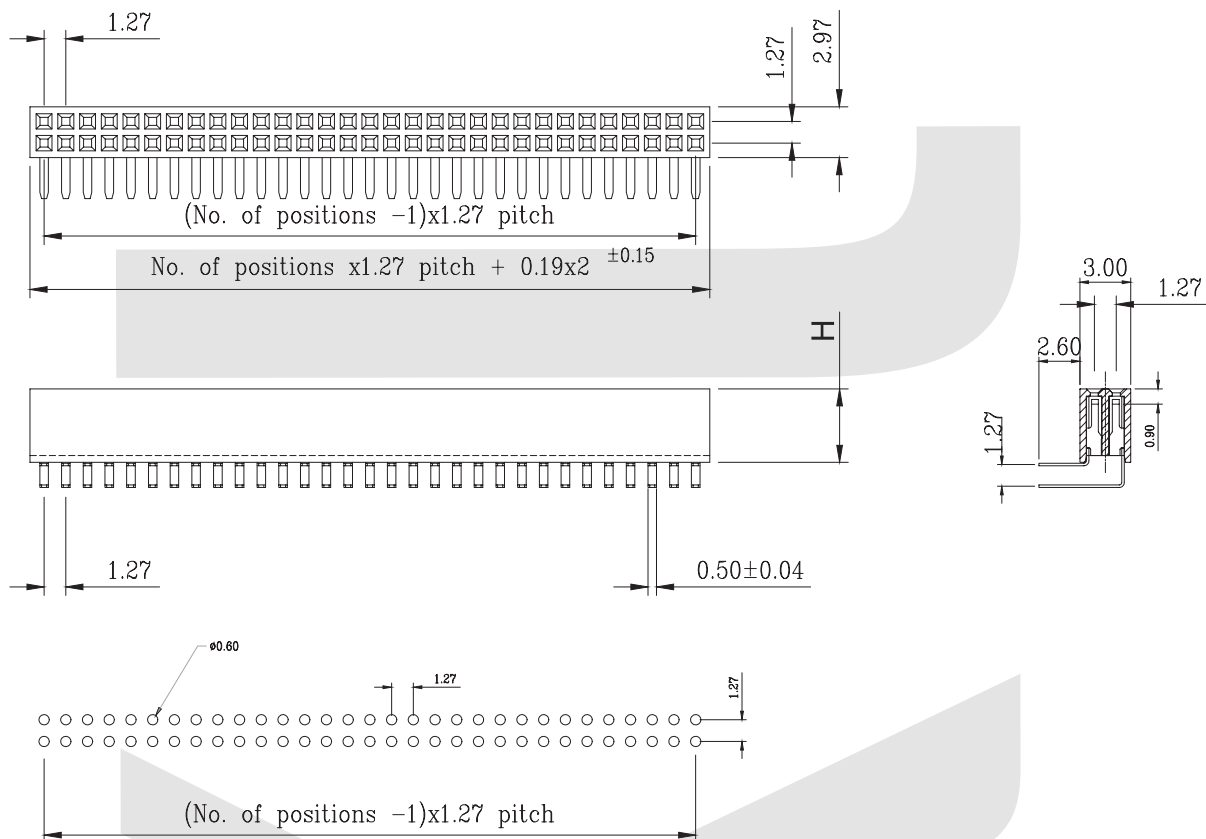
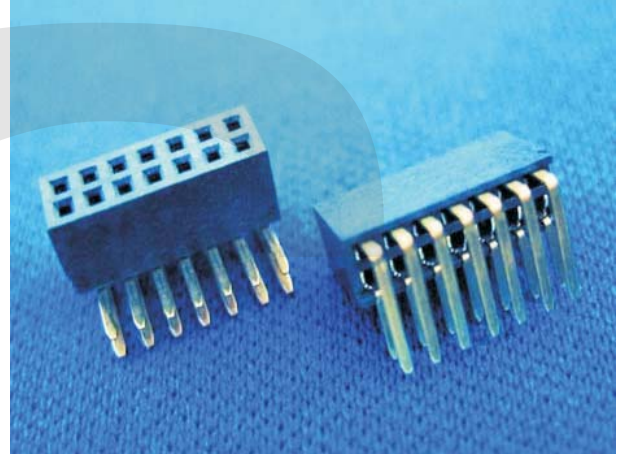
KLS1-208C Female Header 1.27mm(0.050")

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



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

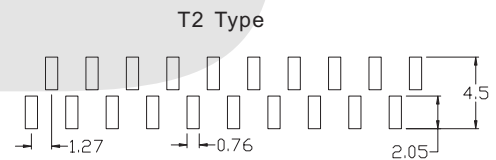
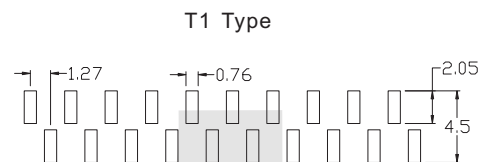
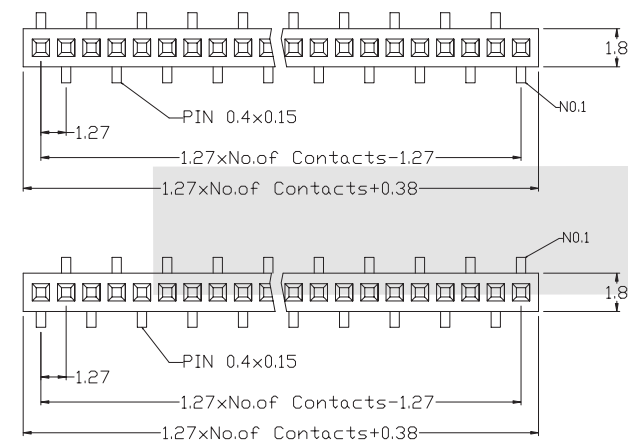
KLS1-208C Female Header 1.27mm(0.050")

Electrical Characteristics:

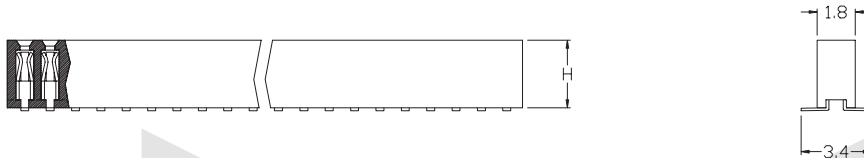
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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



PCB Layout



ORDER INFORMATION

Product No.: KLS1-208C-3.4-1-XX-T4

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

Connector

Female Header Series

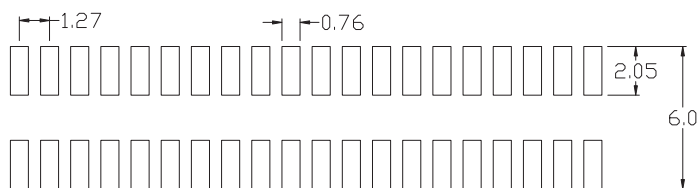
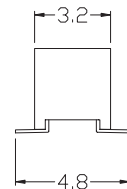
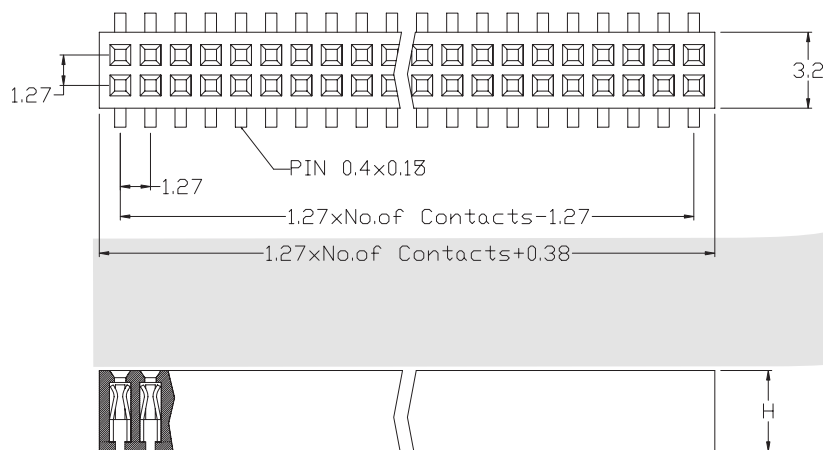
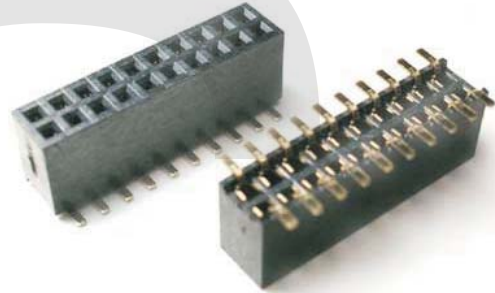
KLS1-208C Female Header 1.27mm(0.050")

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

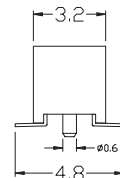
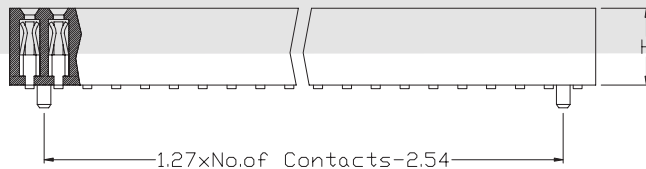
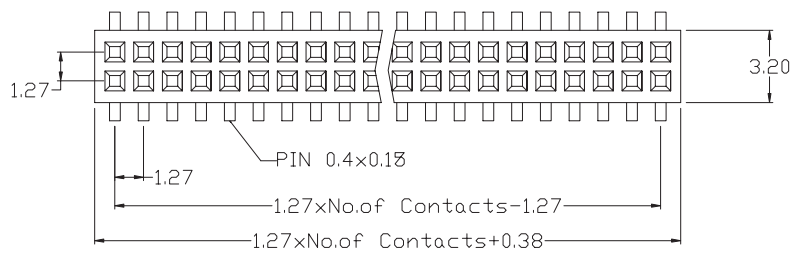
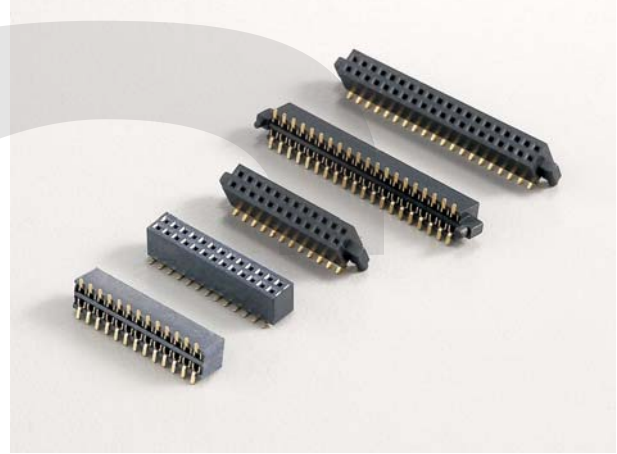
KLS1-208C Female Header 1.27mm(0.050 ")With positioning

Electrical Characteristics:

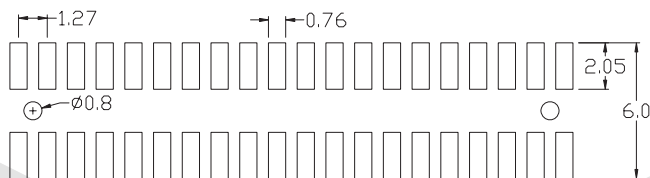
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

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

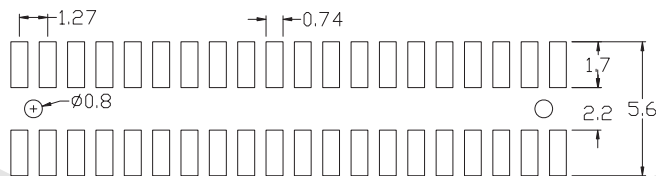
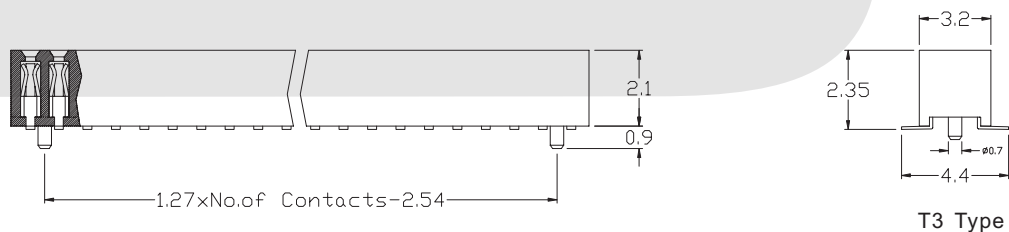
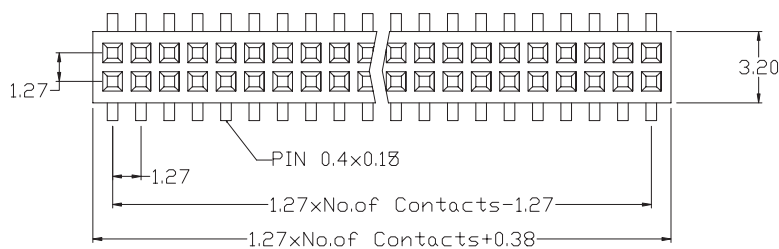
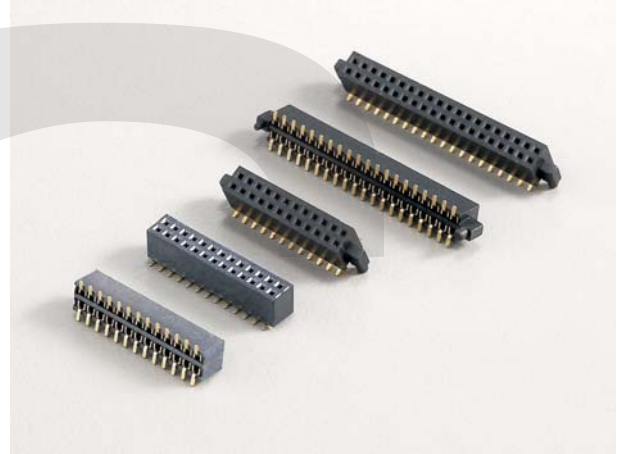
KLS1-208C Female Header 1.27mm(0.050 ")With positioning

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

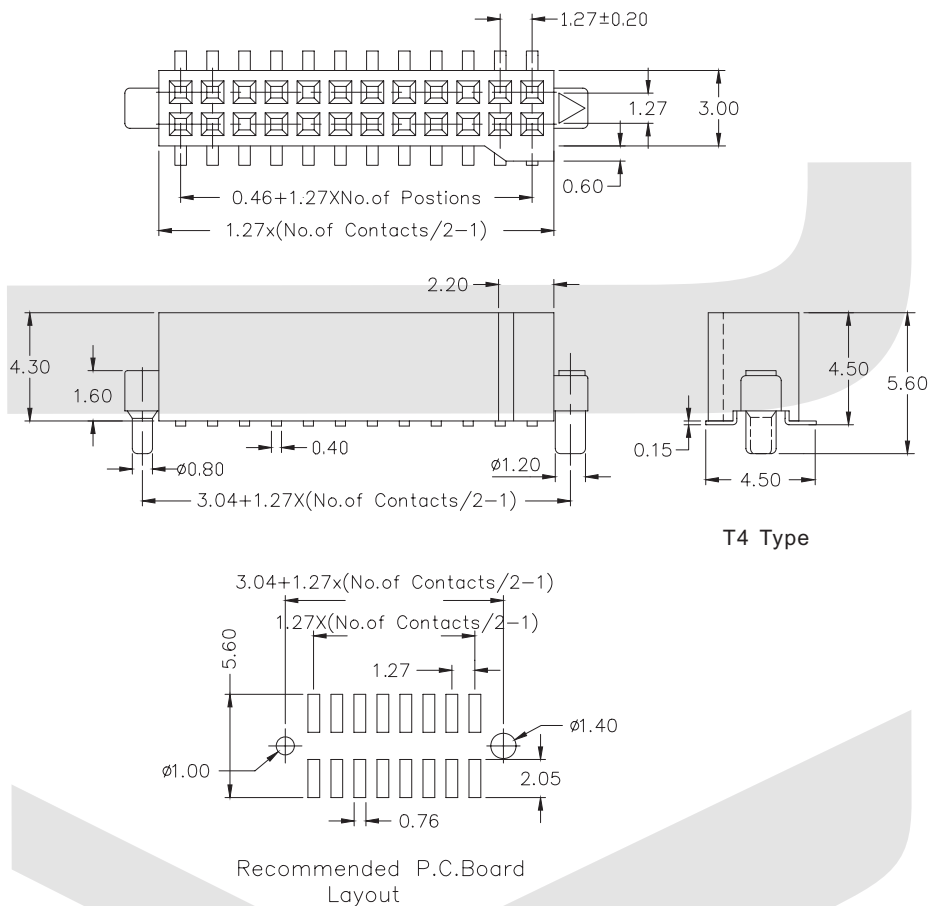
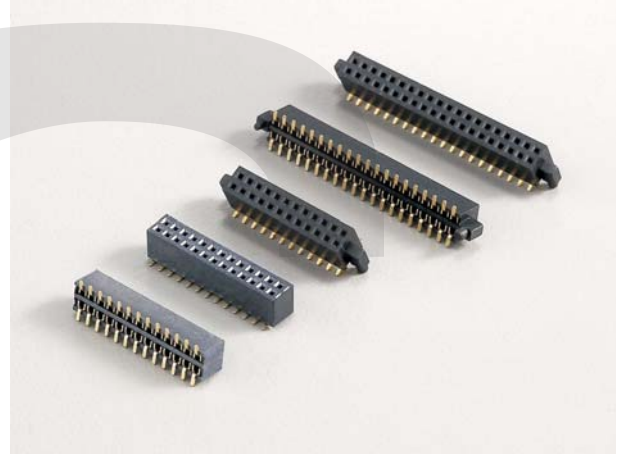
KLS1-208C Female Header 1.27mm(0.050 ")With positioning

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



ORDER INFORMATION

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

Pos. No. _____
Female Header 1.27mm Series
Height: 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

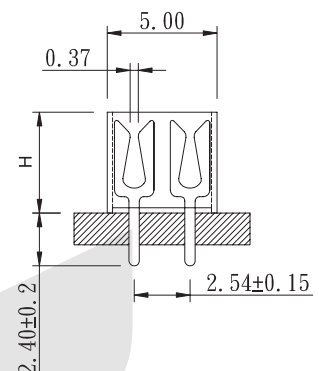
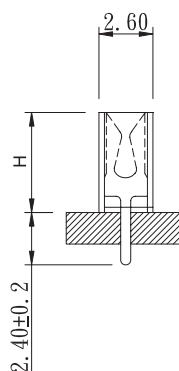
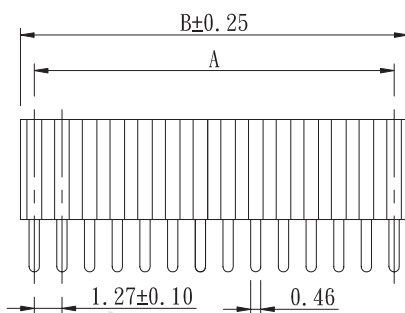
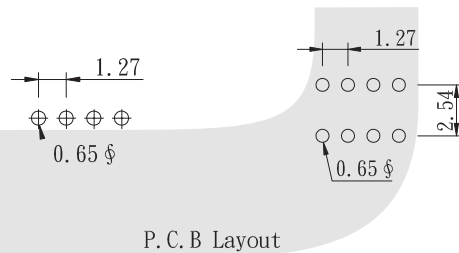
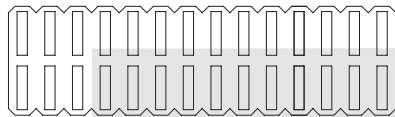
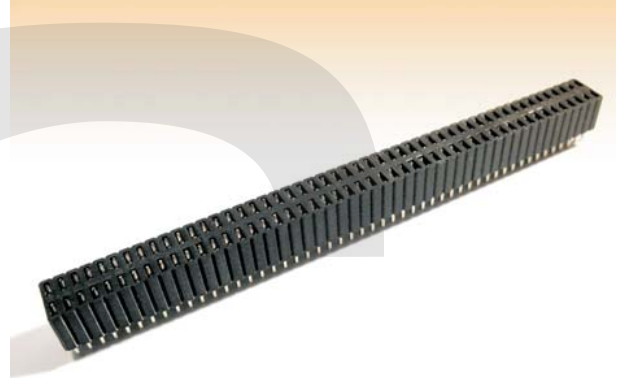
KLS1-208D Female Header 1.27x2.54mm

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.: KLS1-208D-4.6-2-XX-S

Pos. No. _____
Female Header 1.27x2.54mm Series _____
Height: 4.6mm, 8.5mm

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

Female Header Series

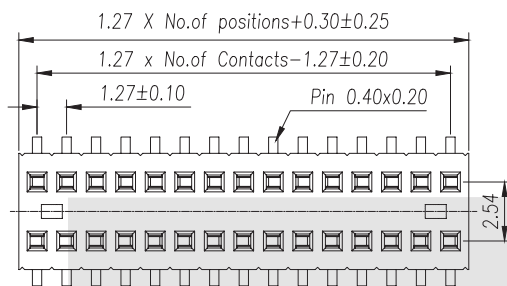
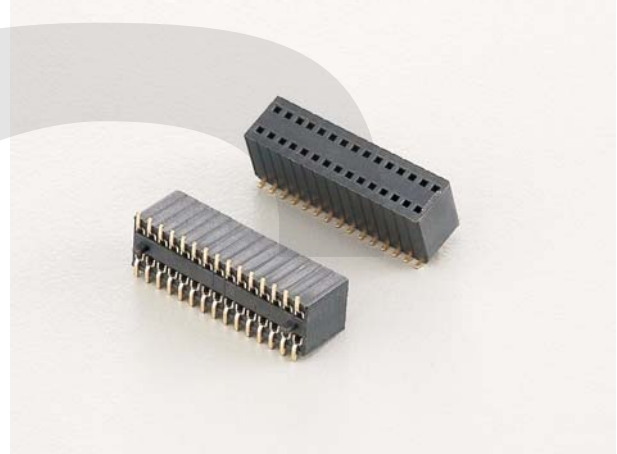
KLS1-208D Female Header 1.27x2.54mm With post SMT Type

Electrical Characteristics:

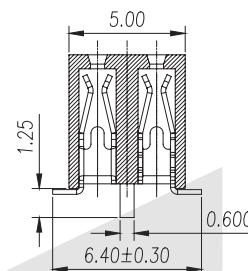
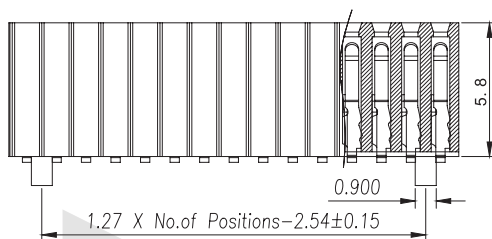
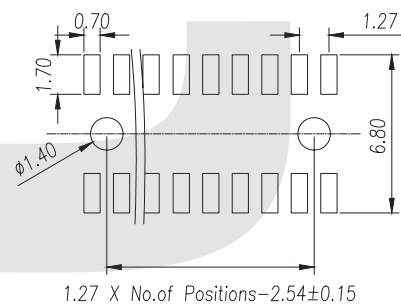
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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



Recommended P.C.Board
Hole Layout



ORDER INFORMATION

Product No.: KLS1-208D-5.8-2-XX-T

Pos. No. _____
Female Header 1.27x2.54mm Series _____
Height: _____

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

Connector

Female Header Series

KLS1-208B Female Header 2.00mm(0.079") Type

Electrical Characteristics:

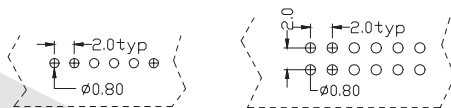
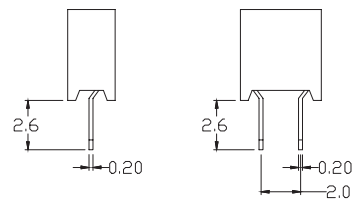
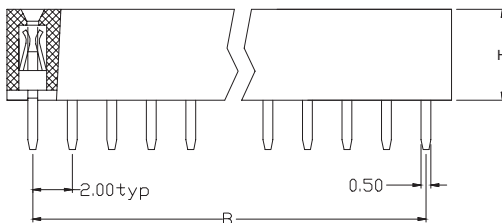
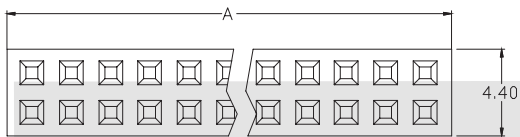
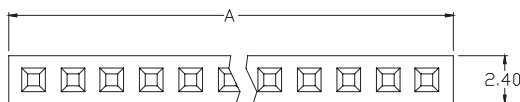
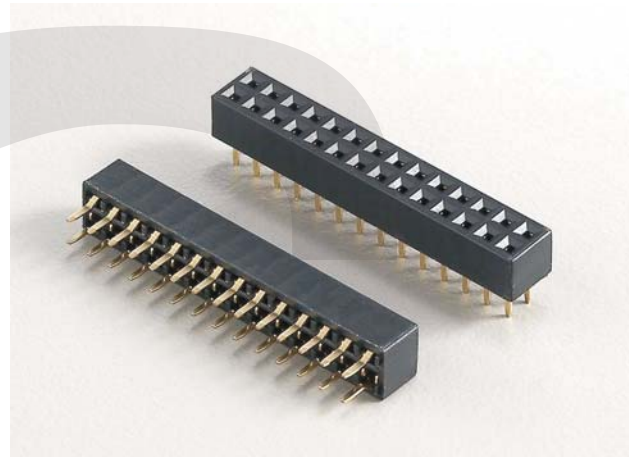
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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

Features:

- * Available in both straight and right angle.
- * NOW available in surface mount.
- * Turning fork contacts offer lower cost for competitive market.



P. C. B Layout

Position	2 Thru 80
Dimension	
A 0.20	2.00 X No. of Positions+0.4
B 0.15	2.00 X No. of Positions-2.00

ORDER INFORMATION

Product No.: KLS1-208B-4.6-1-XX-S

Pos. No. _____
Female Header 2.00mm Type _____
Height: 4.0mm, 4.3mm, 4.6mm _____

Tail Style: S=Straight Pin
R=Right Pin T=SMT Pin
Total pin number: XX=02-80Pin
1=Single layer 2=Double layer

Connector

Female Header Series

KLS1-208B Female Header 2.00mm(0.079") Type

Electrical Characteristics:

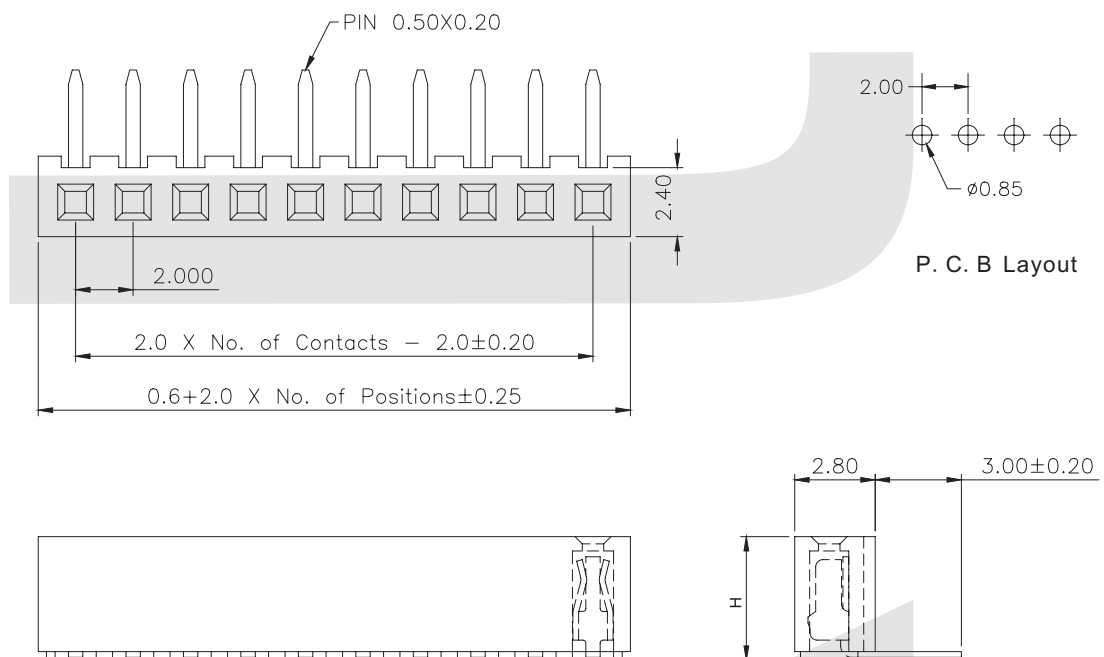
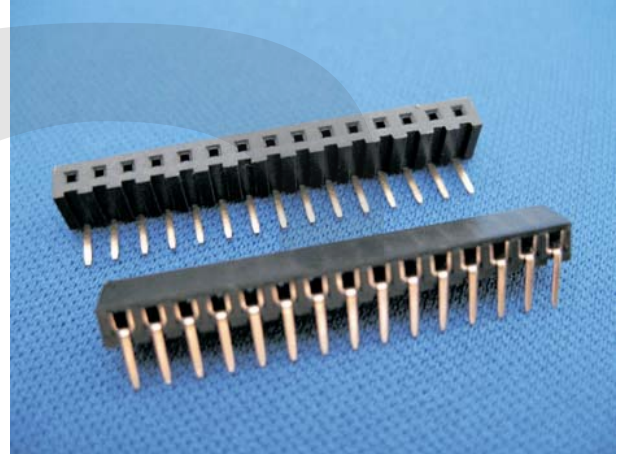
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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

Features:

- * Available in both straight and right angle.
- * NOW available in surface mount.
- * Tuning fork contacts offer lower cost for competitive market.



ORDER INFORMATION

Product No.: KLS1-208B-4.6-1-XX-R

Pos. No. _____
Female Header 2.00mm Type _____
Height: 4.0mm, 4.3mm, 4.6mm _____

Tail Style: S=Straight Pin
R=Right Pin T=SMT Pin
Total pin number: XX=01-40Pin
1=Single layer 2=Double layer

Female Header Series

KLS1-208B Female Header 2.00mm(0.079") Type

Electrical Characteristics:

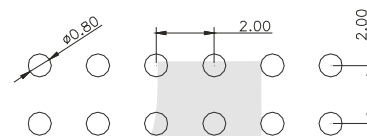
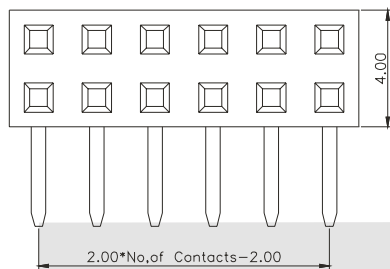
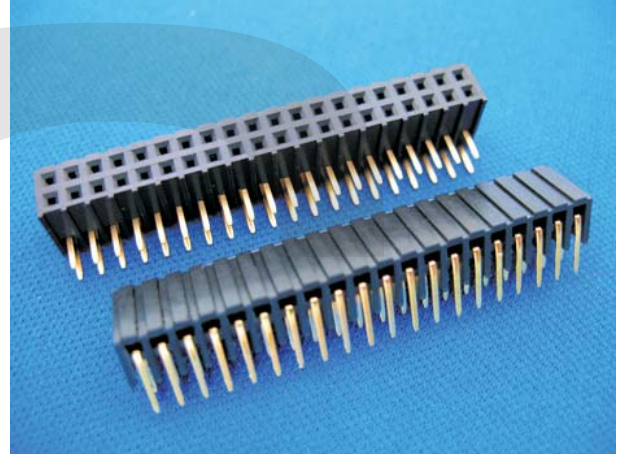
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

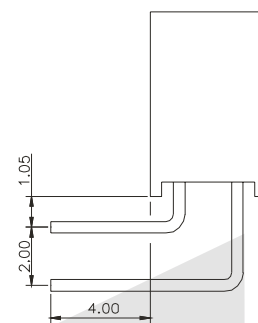
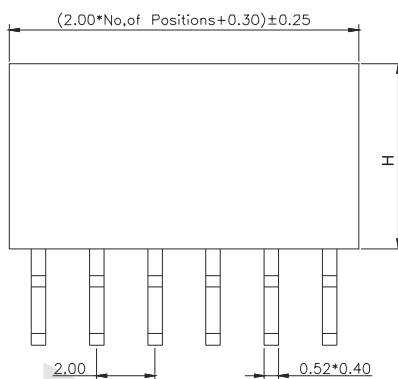
Housing: 30% Glass filled PBT UL94V-0
Contacts: Phosphor Bronze
Plating: Gold plated: 0.8u" over 50u" nickel

Features:

- * Available in both straight and right angle.
- * NOW available in surface mount.
- * Turning fork contacts offer lower cost for competitive market.



P. C. B LAYOUT



ORDER INFORMATION

Product No.: KLS1-208B-4.6-2-XX-R

Pos. No. _____
Female Header 2.00mm Type _____
Height: 4.0mm, 4.3mm, 4.6mm _____

Tail Style: S=Straight Pin
R=Right Pin T=SMT Pin
Total pin number: XX=02-80Pin
1=Single layer 2=Double layer

Female Header Series

KLS1-208B Female Header 2.00mm(0.079") Type

Electrical Characteristics:

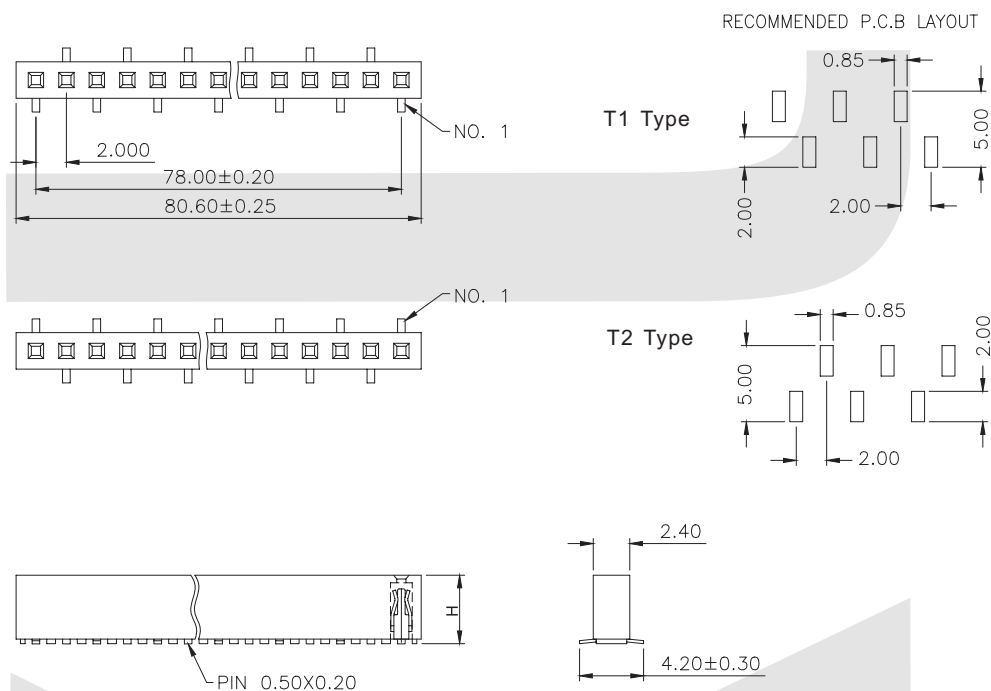
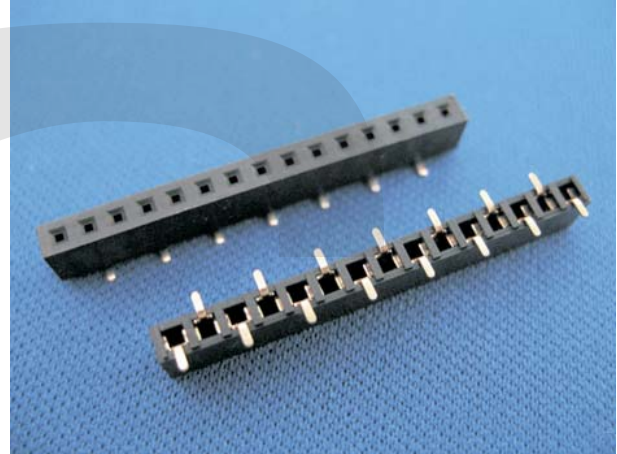
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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

Features:

- * Available in both straight and right angle.
- * NOW available in surface mount.
- * Turning fork contacts offer lower cost for competitive market.



ORDER INFORMATION

Product No.: KLS1-208B-4.6-1-XX-T 1

Pos. No. _____ SMT Pin Type
Tail Style: S=Straight Pin
R=Right Pin T=SMT Pin
Female Header 2.00mm Type _____ Total pin number: XX=01-40Pin
Height: 4.0mm, 4.3mm, 4.6mm _____ 1=Single layer 2=Double layer

Female Header Series

KLS1-208B Female Header 2.00mm(0.079") Type

Electrical Characteristics:

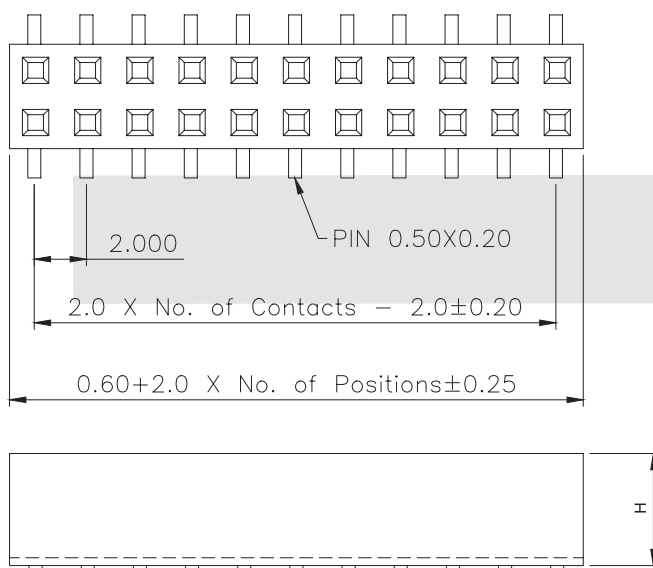
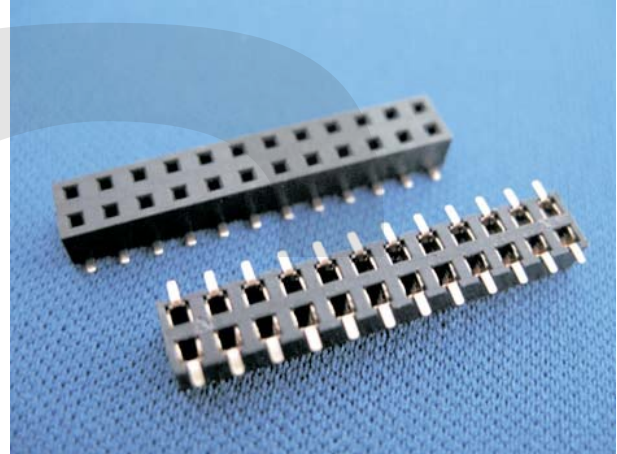
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

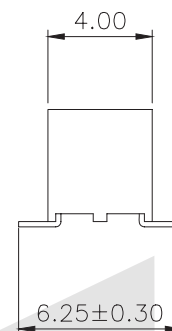
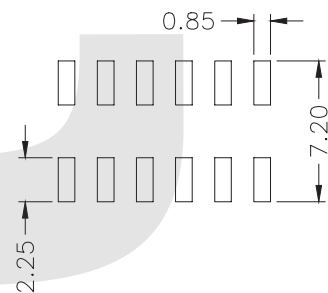
Housing: 30% Glass filled PBT UL94V-0
Contacts: Phosphor Bronze
Plating: Gold plated: 0.8u" over 50u" nickel

Features:

- * Available in both straight and right angle.
- * NOW available in surface mount.
- * Tuning fork contacts offer lower cost for competitive market.



RECOMMENDED P.C.B LAYOUT



ORDER INFORMATION

Product No.: KLS1-208B-4.6-1-XX-T

Pos. No. _____
Female Header 2.00mm Type
Height: 4.0mm, 4.3mm, 4.6mm

Tail Style: S=Straight Pin
R=Right Pin T=SMT Pin
Total pin number: XX=02-80Pin
1=Single layer 2=Double layer

Female Header Series

KLS1-208B Female Header 2.00mm(0.079") Type

Electrical Characteristics:

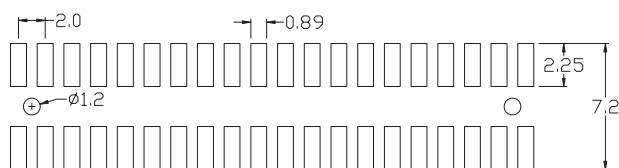
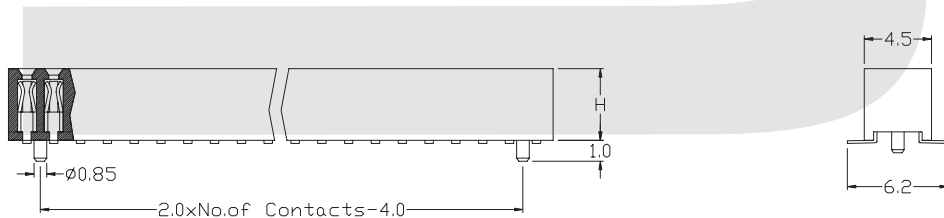
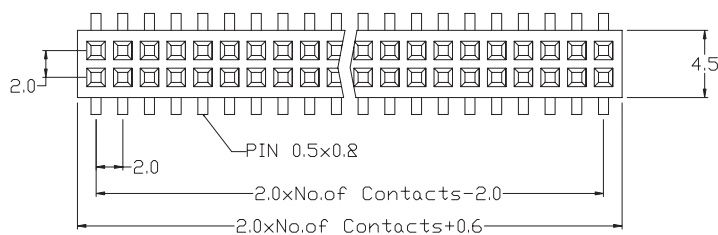
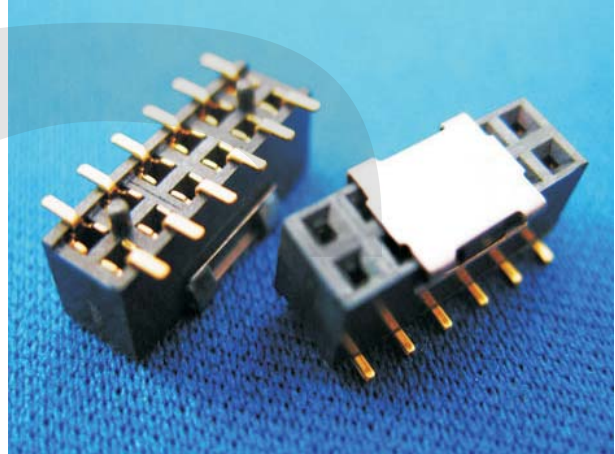
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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

Features:

- * Available in both straight and right angle.
- * NOW available in surface mount.
- * Turning fork contacts offer lower cost for competitive market.



PCB Layout

ORDER INFORMATION

Product No.: KLS1-208B-4.6-2-XX-T3

Pos. No. _____	Tail Style: S=Straight Pin
Female Header 2.00mm Type _____	R=Right Pin T=SMT Pin
Height: 4.0mm, 4.3mm, 4.6mm _____	Total pin number: XX=02-80Pin
	2=Double layer

Female Header Series

KLS1-208B-6.35 Female Header 2.00mm(0.079") Type

Electrical Characteristics:

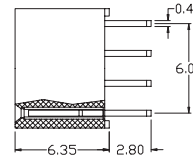
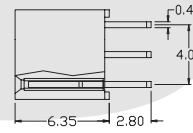
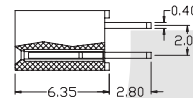
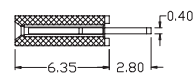
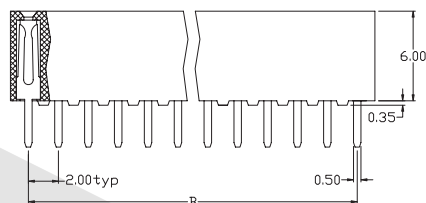
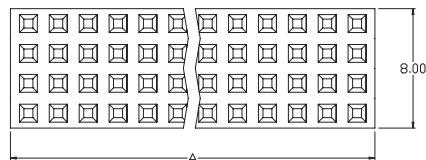
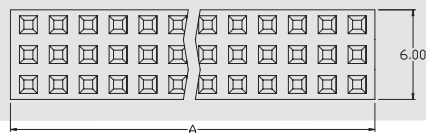
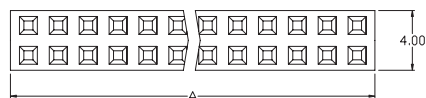
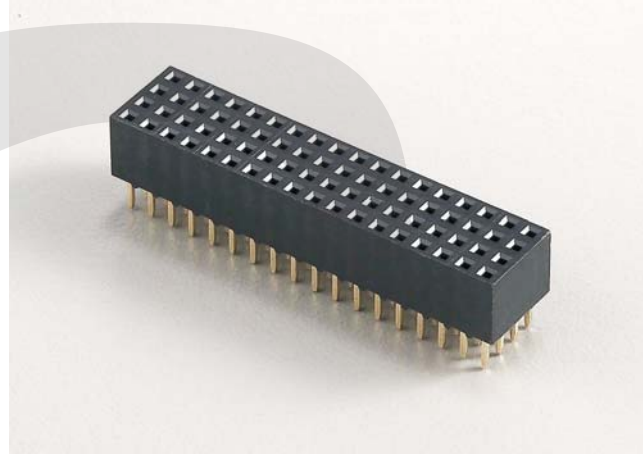
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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

Features:

- * Available in both straight and right angle.
- * NOW available in surface mount.
- * Turning fork contacts offer lower cost for competitive market.



Position	2 Thru 120
Dimension	
A±0.20	2.00 X No.of Positions+0.4
B±0.15	2.00 X No.of Positions -2.00

ORDER INFORMATION

Product No.: KLS1-208B-6.35-1-XX-S

Pos. No. _____ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin
Female Header 2.00mm Type _____ Total pin number: XX=02-80Pin
Height _____ 1=Single layer 2=Double layer
3=Three layer 4=Four layer

Female Header Series

KLS1-208B-6.35 Female Header 2.00mm(0.079") Type

Electrical Characteristics:

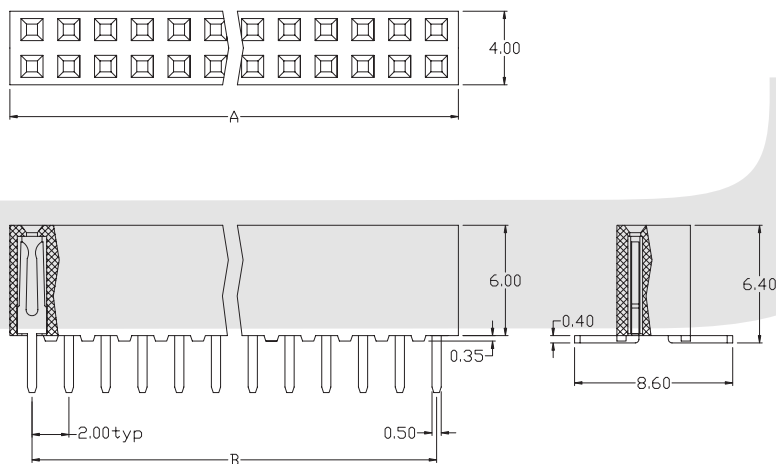
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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

Features:

- * Available in both straight and right angle.
- * NOW available in surface mount.
- * Turning fork contacts offer lower cost for competitive market.



Position	2 Thru 120
Dimension	
A±0.20	2.00 X No.of Positions+0.4
B±0.15	2.00 X No.of Positions -2.00

ORDER INFORMATION

Product No.: KLS1-208B-6.35-2-XX-T

Pos. No. _____
Female Header 2.00mm Type _____
Height _____
Tail Style: S=Straight Pin R=Right Pin T=SMT Pin
Total pin number: XX=02-80Pin
1=Single layer 2=Double layer
3=Three layer 4=Four layer

Female Header Series

KLS1-208Y FEMALE HEADER 2.54mm-high 5.7mm (0.100")

Electrical Characteristics:

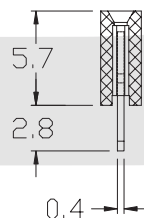
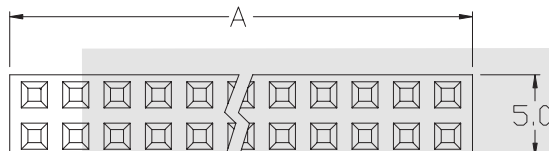
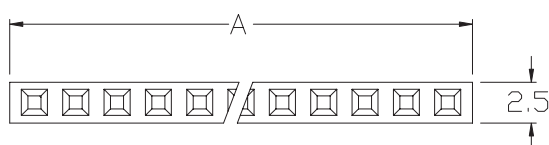
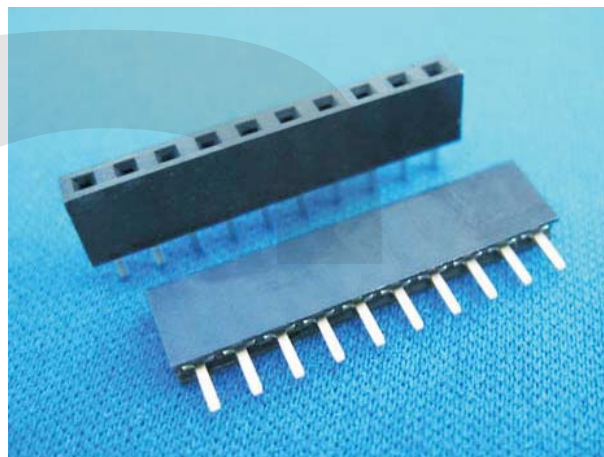
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

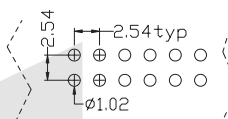
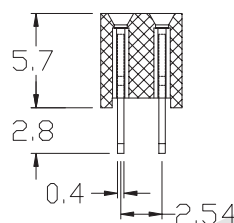
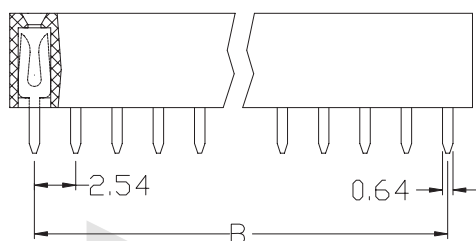
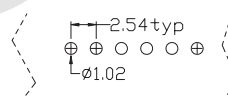
Housing: 30% Glass filled PBT UL94V-0
Contacts: Brass or Phosphor Bronze
Plating: Gold plated: 0.8u" over 50u" nickel

Features:

- * Available in both straight and right angle.
- * Tuning fork contacts offer lower cost for competitive market.



Position	2 Thru 80
Dimension	
A±0.20	2.54 X N +0.5
B±0.15	2.54 X N-2.54



PCB LAYOUT

ORDER INFORMATION

Product No.: KLS1-208Y-5.7-1-XX-S

Pos. No. _____ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin
Female Header 2.54mm Series _____ Total pin number: XX=02-80Pin
High: 5.0mm, 5.7mm _____ 1=Single layer 2=Double layer

Female Header Series

KLS1-208Y FEMALE HEADER 2.54mm-high 5.7mm (0.100")

Electrical Characteristics:

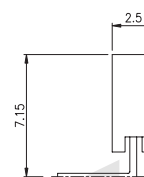
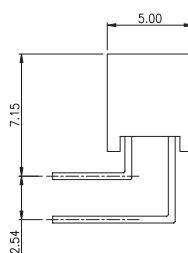
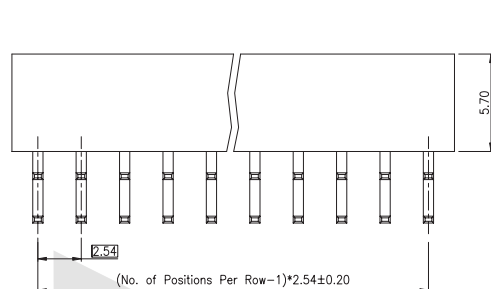
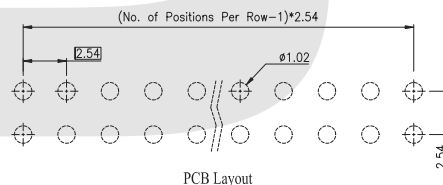
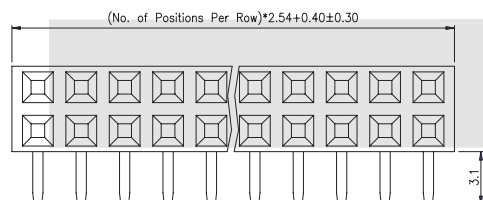
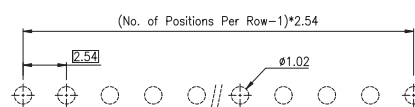
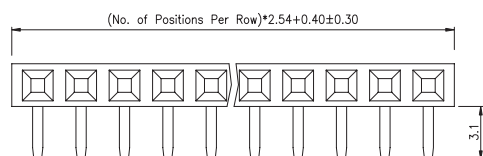
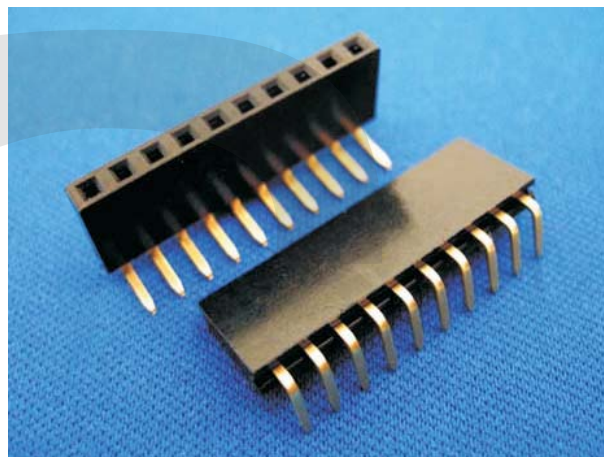
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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

Features:

- * Available in both straight and right angle.
- * Tuning fork contacts offer lower cost for competitive market.



ORDER INFORMATION

Product No.: KLS1-208Y-5.7-1-XX-R

Pos. No. _____ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin
Female Header 2.54mm Series _____ Total pin number: XX=02-80Pin
High: 5.0mm, 5.7mm _____ 1=Single layer 2=Double layer

Female Header Series

KLS1-208Y FEMALE HEADER 2.54mm-high 5.7mm (0.100")

Electrical Characteristics:

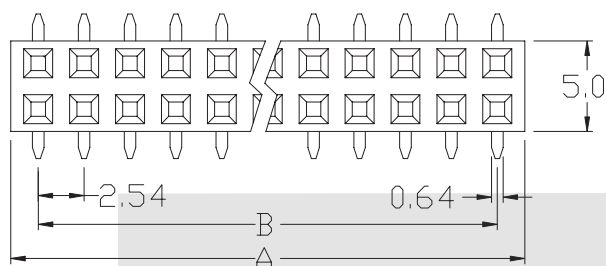
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

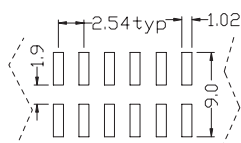
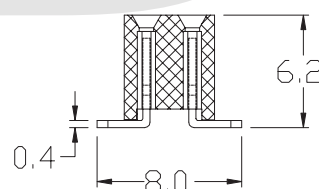
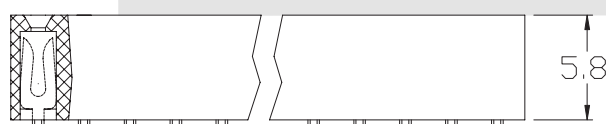
Housing: 30% Glass filled PBT UL94V-0
Contacts: Brass or Phosphor Bronze
Plating: Gold plated: 0.8u" over 50u" nickel

Features:

- * Available in both straight and right angle.
- * Turning fork contacts offer lower cost for competitive market.



Position	2 Thru 80
Dimension	
A±0.20	2.54 X N +0.5
B±0.15	2.54 X N-2.54



PCB LAYOUT

ORDER INFORMATION

Product No.: KLS1-208Y-5.7-2-XX-T

Pos. No. _____ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin
Female Header 2.54mm Series _____ Total pin number: XX=02-80Pin
High: 5.0mm, 5.7mm _____ 1=Single layer 2=Double layer

Female Header Series

KLS1-208Y FEMALE HEADER 2.54mm-high 5.0mm (0.100")

Electrical Characteristics:

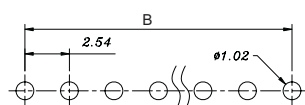
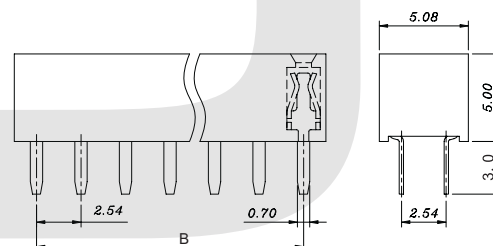
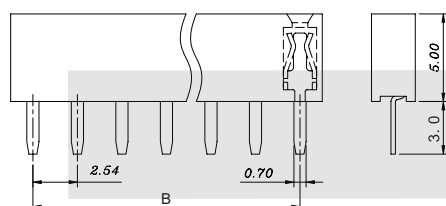
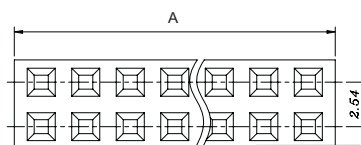
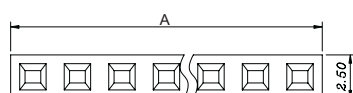
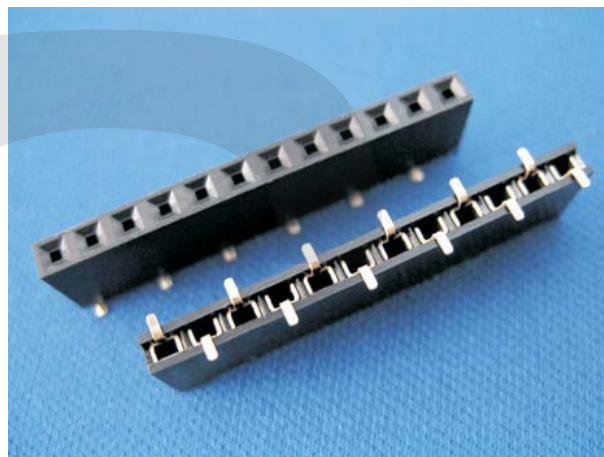
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

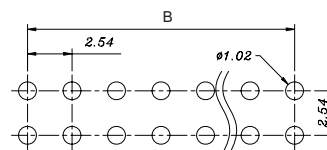
Housing: 30% Glass filled PBT UL94V-0
Contacts: Brass or Phosphor Bronze
Plating: Gold plated: 0.8u" over 50u" nickel

Features:

- * Available in both straight and right angle.
- * Tuning fork contacts offer lower cost for competitive market.



PCB LAYOUT



PCB LAYOUT

Position	2 Thru 80
Dimension	
A±0.20	2.54 X N +0.5
B±0.15	2.54 X N-2.54

ORDER INFORMATION

Product No.: KLS1-208Y-5.0-1-XX-S

Pos. No. _____ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin
Female Header 2.54mm Series _____ Total pin number: XX=02-80Pin
High: 5.0mm, 5.7mm _____ 1=Single layer 2=Double layer

Female Header Series

KLS1-208Y FEMALE HEADER 2.54mm-high 5.0mm (0.100")

Electrical Characteristics:

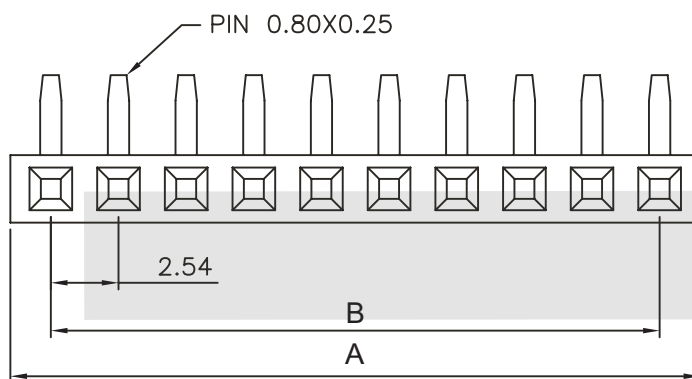
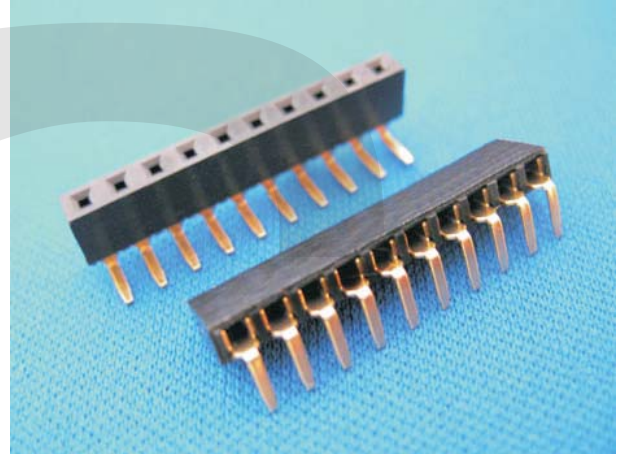
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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

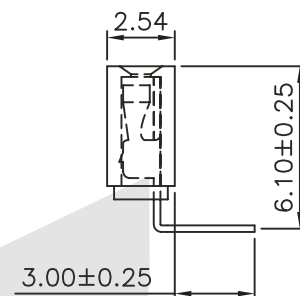
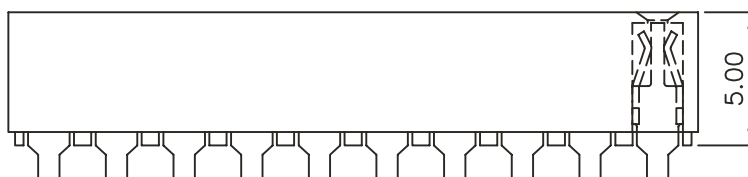
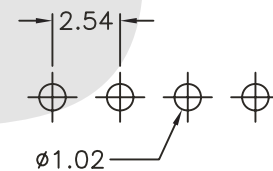
Features:

- * Available in both straight and right angle.
- * Tuning fork contacts offer lower cost for competitive market.



Position	2 Thru 80
Dimension	
A±0.20	2.54 X N +0.5
B±0.15	2.54 X N-2.54

P.C.B Layout



ORDER INFORMATION

Product No.: KLS1-208Y-5.0-1-XX-R

Pos. No. _____ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin
Female Header 2.54mm Series _____ Total pin number: XX=02-80Pin
High: 5.0mm, 5.7mm _____ 1=Single layer 2=Double layer

Female Header Series

KLS1-208Y FEMALE HEADER 2.54mm-high 5.0mm (0.100")

Electrical Characteristics:

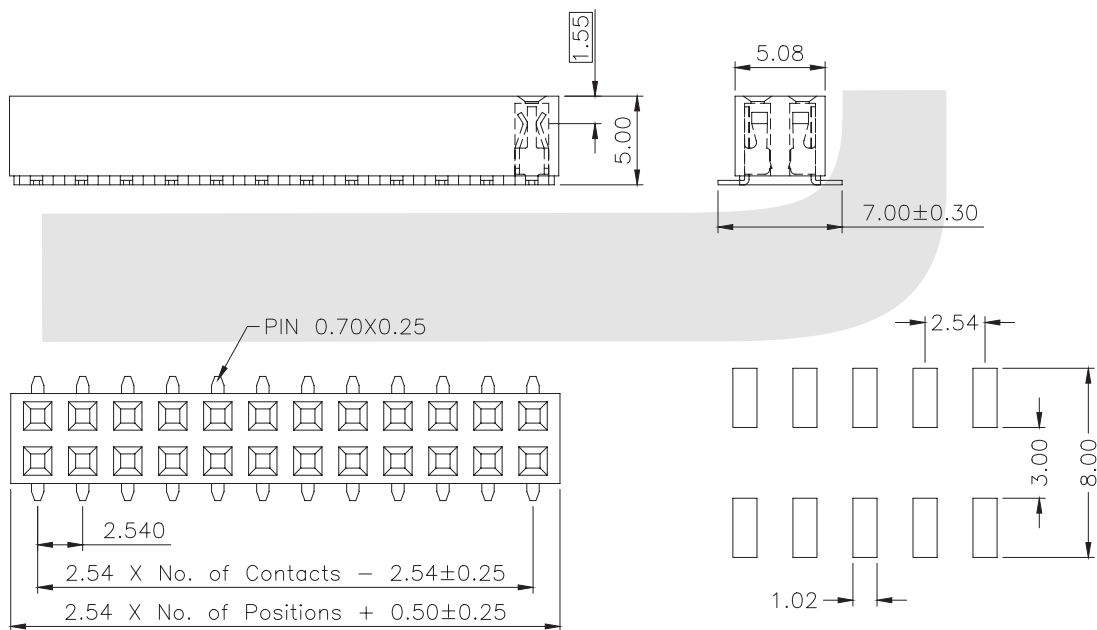
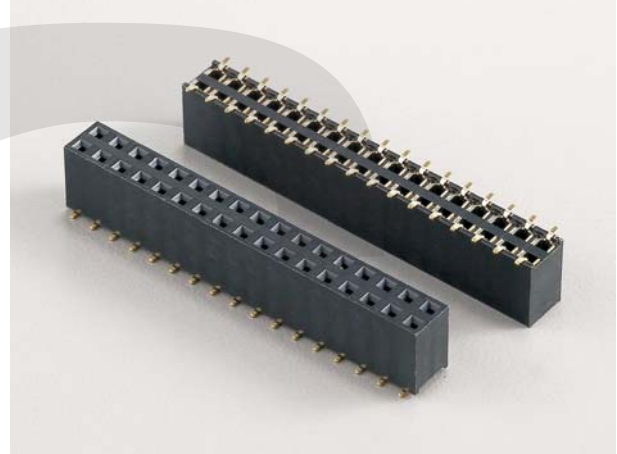
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

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

Features:

- * Available in both straight and right angle.
- * Tuning fork contacts offer lower cost for competitive market.



PCB LAYOUT

ORDER INFORMATION

Product No.: KLS1-208Y-5.0-2-XX-T

Pos. No.	Tail Style: S=Straight Pin R=Right Pin T=SMT Pin
Female Header 2.54mm Series	Total pin number: XX=02-80Pin
High: 5.0mm、5.7mm	1=Single layer 2=Double layer

Female Header Series

KLS1-208 Female Header 2.54mm(0.100") / High 8.4mm

Electrical Characteristics:

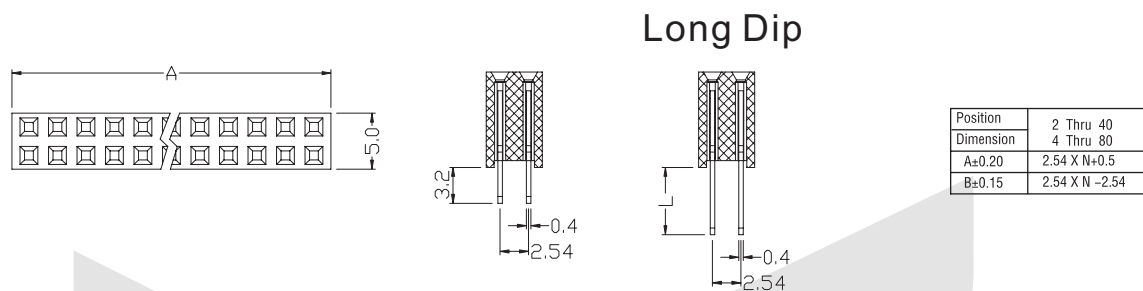
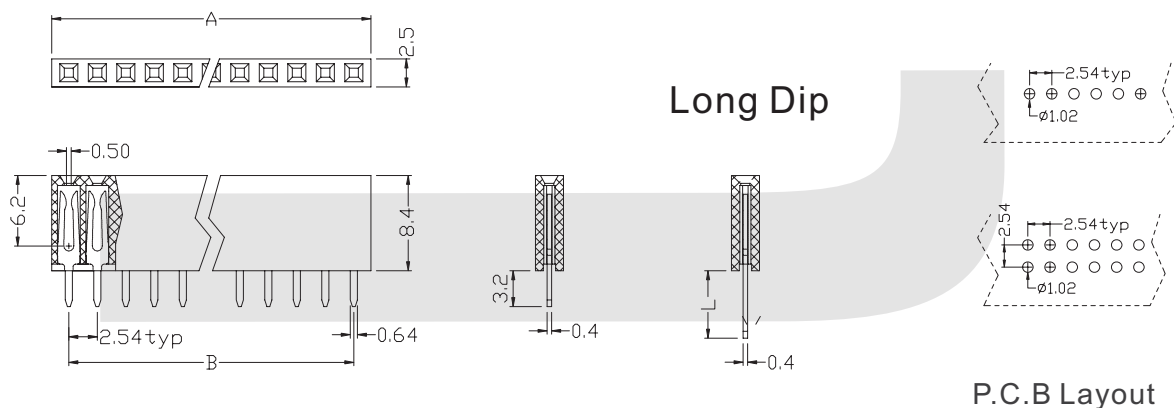
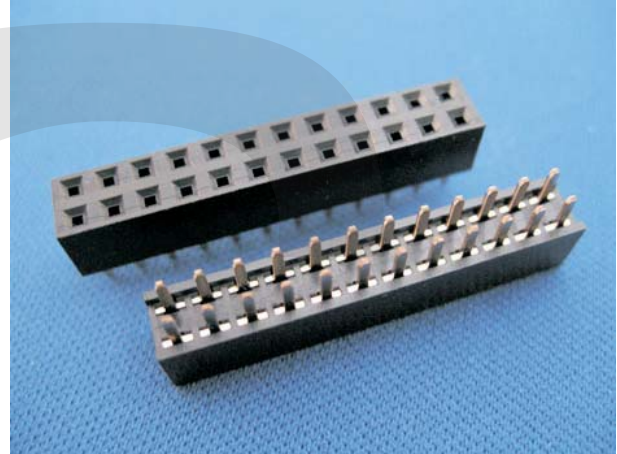
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

Housing: 30% Glass filled PBT UL94V-0
Contacts: Brass or Phosphor Bronze
Plating: Selective gold plated : gold plated on mating area and nickel plated on wire Cutting area
Gold plated: 0.8u" over 50u" nickel

Features:

- * Available in straight and right angle.
- * Turning fork contacts offer lower cost for competitive market.



ORDER INFORMATION

Product NO.: KLS1-208-1-XX-S

Pos. NO. _____
2.54mm Female _____
Header -High 8.4mm _____
1-Single layer 2-Double layer _____
3-Three layer _____
Tail Style: S=Straight Pin R=Right Pin T=SMT Pin
Total pin number (No. of 1~80pin)

Female Header Series

KLS1-208 Female Header 2.54mm(0.100") / High 8.4mm

Electrical Characteristics:

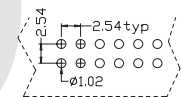
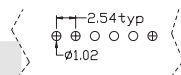
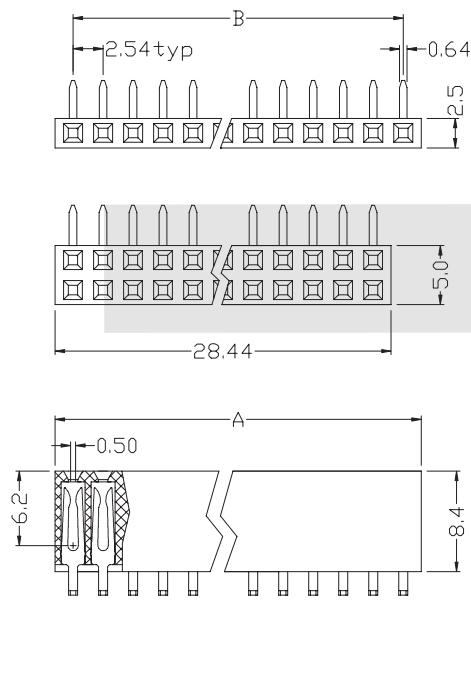
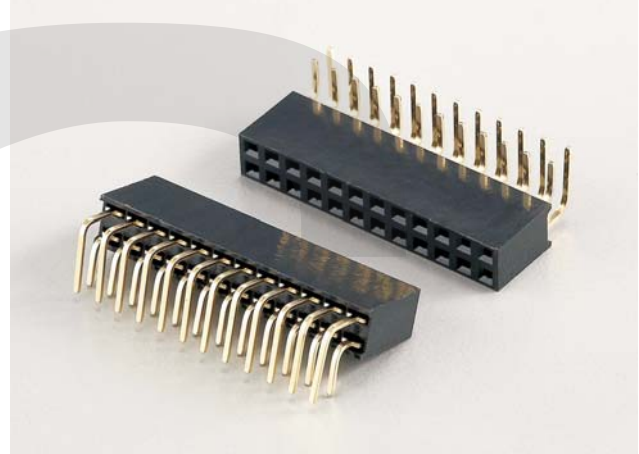
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

Housing: 30% Glass filled PBT UL94V-0
Contacts: Brass or Phosphor Bronze
Plating: Selective gold plated : gold plated on mating area and nickel plated on wire Cutting area
Gold plated: 0.8u" over 50u" nickel

Features:

- * Available in straight and right angle.
- * Turning fork contacts offer lower cost for competitive market.



P.C.B Layout

Position	2 Thru 40
Dimension	4 Thru 80
A±0.20	2.54 X N±0.5
B±0.15	2.54 X N -2.54

ORDER INFORMATION

Product NO.: KLS1-208-1-XX-R

Pos. NO. _____
2.54mm Female _____
Header -High 8.4mm _____
1-Single layer 2-Double layer _____
3-Three layer _____
Tail Style: S=Straight Pin R=Right Pin T=SMT Pin _____
Total pin number (No. of 1~80pin) _____

Female Header Series

KLS1-208 Female Header 2.54mm(0.100") /High 8.4mm

Electrical Characteristics:

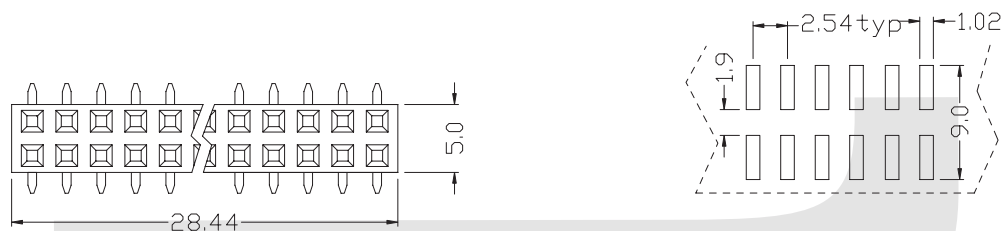
Current Rating:1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

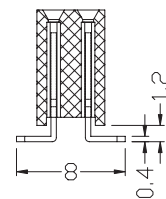
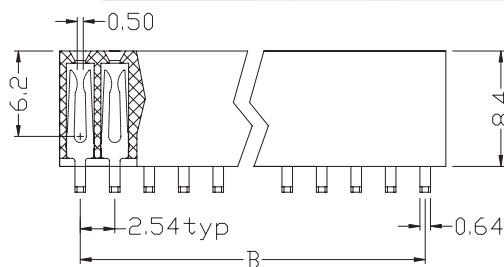
Housing:30% Glass filled PBT UL94V-0
Contacts: Brass or Phosphor Bronze
Plating:Selective gold plated : gold plated on mating area and nickel plated on wire Cutting area
Gold plated: 0.8u" over 50u" nickel

Features:

- * Available in straight and right angle.
- * Turning fork contacts offer lower cost for competitive market.



P.C.B Layout



Position	2 Thru 40
Dimension	4 Thru 80
A±0.20	2.54 X N+0.5
B±0.15	2.54 X N -2.54

ORDER INFORMATION

Product NO.: KLS1-208-2-XX-T

Pos. NO. _____
2.54mm Female _____
Header -High 8.4mm _____
1-Single layer 2-Double layer _____
3-Three layer _____
Tail Style: S=Straight Pin R=Right Pin T=SMT Pin
Total pin number (No.of 2~80pin)

Female Header Series

KLS1-208X Elevated Female Header 2.54mm (0.100")

Electrical Characteristics:

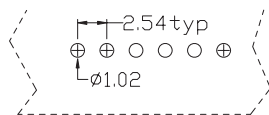
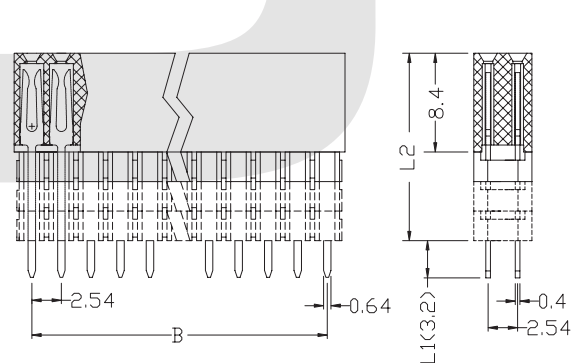
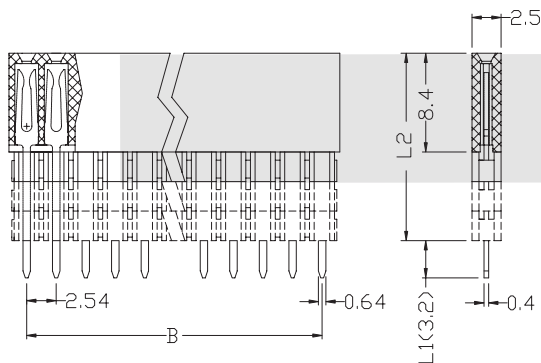
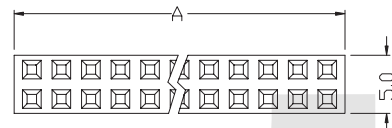
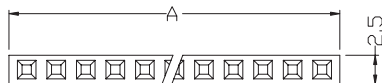
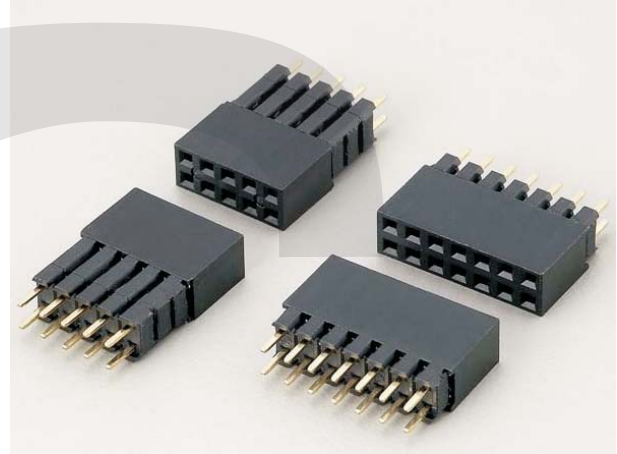
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

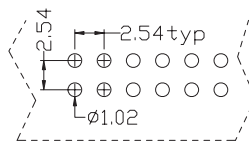
Housing: 30% Glass filled PBT UL94V-0
Contacts: Brass or Phosphor Bronze
Plating: Selective gold plated: gold plated on mating area and nickel plated on wire cutting area
Gold plated: 0.8u" over 50u" nickel

Features:

- * Wide range of board spacing choices.
- * Great product flexibility and strength.
- * Turning fork contacts offer lower cost for competitive market.



PCB LAYOUT



PCB LAYOUT

Position	2 Thru 80
Dimension	
A 0.20	2.54 X No. of Positions+0.5
B 0.15	2.54 X No. of Positions-2.54

ORDER INFORMATION

Product No.: KLS1-208X-1-XX-S-L1*L2

Pos. No. _____ L1\L2 Size
Elevated Female Header 2.54mm Series _____ Tail Style: S=Straight Pin
1=Single layer 2=Double layer _____ Total pin number: XX=02-80Pin

Female Header Series

KLS1-219X FEMALE HEADER 2.54mm With polarizing bump

Electrical Characteristics:

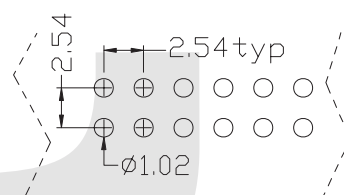
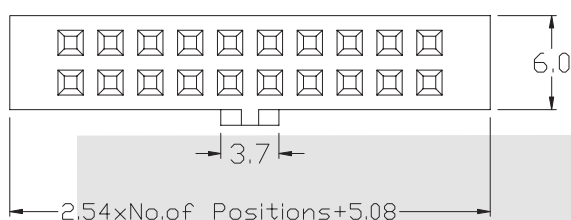
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

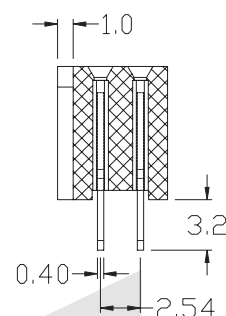
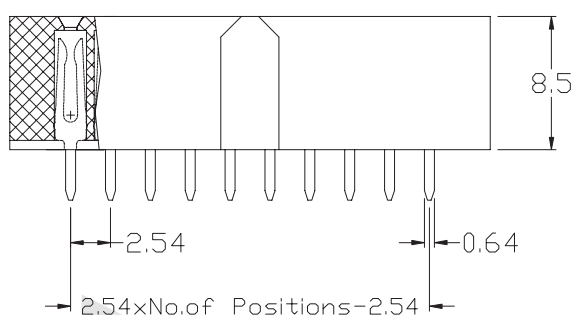
Housing: 30% Glass filled PBT UL94V-0
Contacts: Brass or Phosphor Bronze
Plating: Selective gold plated: gold plated on mating area and nickel plated on wire cutting area
Gold plated: 0.8u" over 50u" nickel

Features:

- * Available in straight and right angle.
- * Turning fork contacts offer lower cost for competitive market.



P.C.B Layout



ORDER INFORMATION

Product No.: KLS1-219X-2-XX-S

Pos. No. _____
Female Header 2.54mm
With polarizing bump

Tail Style: S=Straight Pin R=Right Pin
Total pin number: XX=02-80Pin
2=Double layer

Female Header Series

KLS1-219X FEMALE HEADER 2.54mm With polarizing bump

Electrical Characteristics:

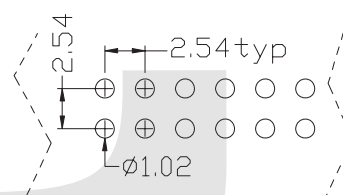
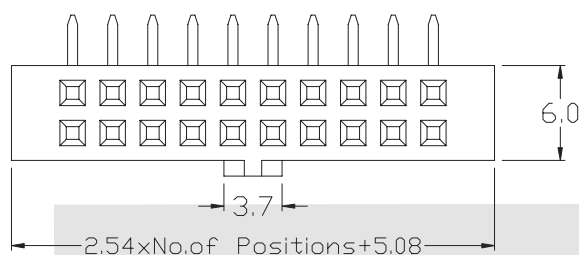
Current Rating: 1 AMP
Insulator Resistance: 5000MΩmin. at DC 500V
Contact Resistance: 20mΩmax. at DC 100mA
Operating Temperature: -45°C~+105°C

Material:

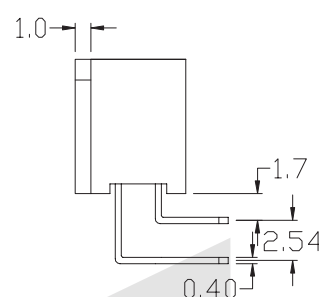
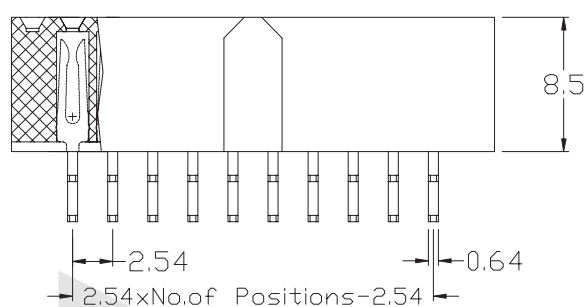
Housing: 30% Glass filled PBT UL94V-0
Contacts: Brass or Phosphor Bronze
Plating: Selective gold plated: gold plated on mating area and nickel plated on wire cutting area
Gold plated: 0.8u" over 50u" nickel

Features:

- * Available in straight and right angle.
- * Turning fork contacts offer lower cost for competitive market.



P.C.B Layout



ORDER INFORMATION

Product No.: KLS1-219X-2-XX-R

Pos. No. _____
Female Header 2.54mm
With polarizing bump

Tail Style: S=Straight Pin R=Right Pin
Total pin number: XX=02-80Pin
2=Double layer