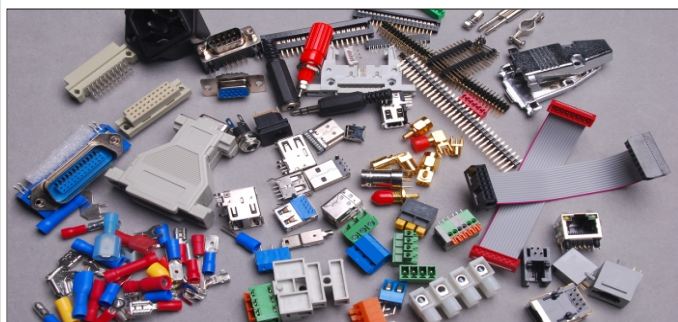


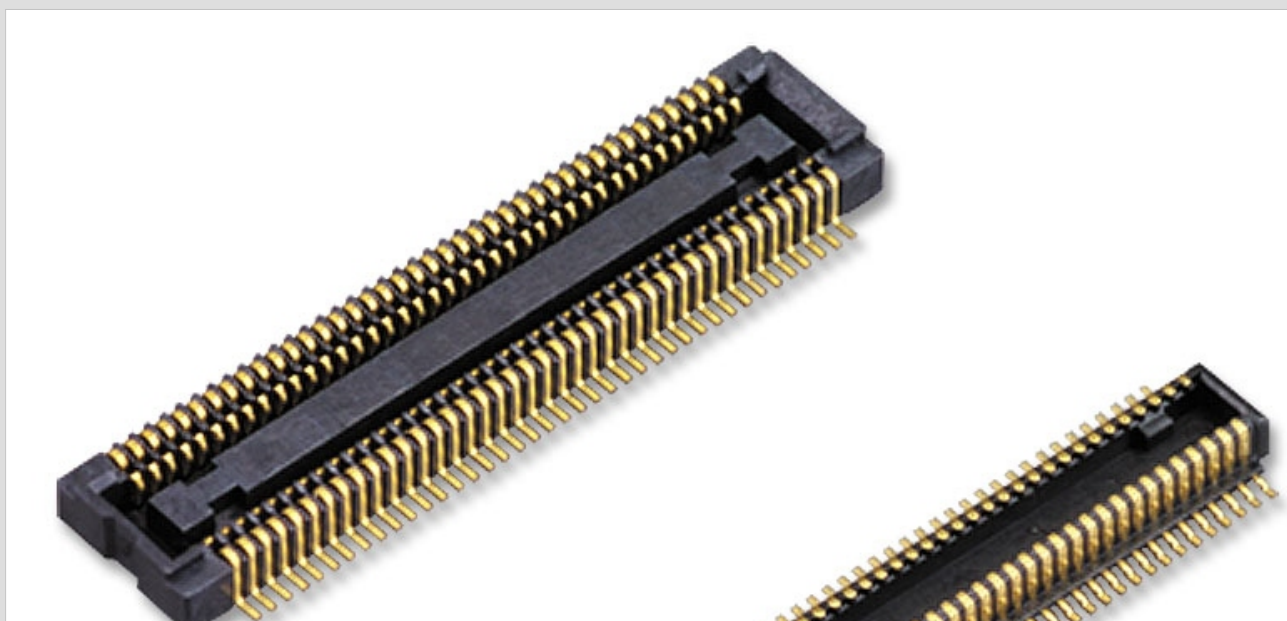
**KLS**

## 1-Connectors & Connector Components-Разъемы, соединители и их узлы



- 1-1 Wire to Board connectors
- 1-2 **Board to Board connectors**
- 1-3 Input/Output (Box to Box)
- 1-4 Socket & Card connectors
- 1-5 Power connectors
- 1-6 Audio & Video connectors
- 1-7 RF & Coax
- 1-8 Terminal Blocks & Strips
- 1-9 Terminals & Splices

More . . .



## FFC/FPC Connectors

**P/N: KLS1-FPC-050-02/0.50mm FPC socket pcb SMT 90  
zif-lock upper & lower contact**

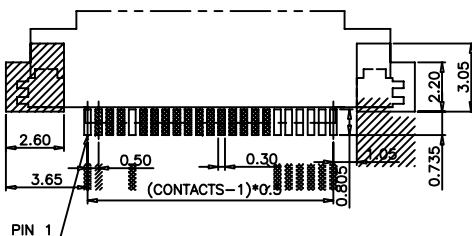
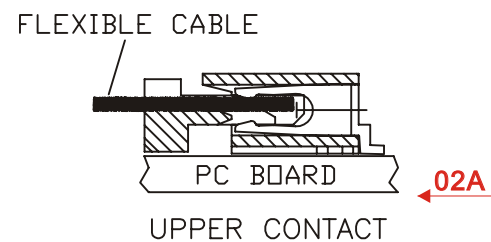
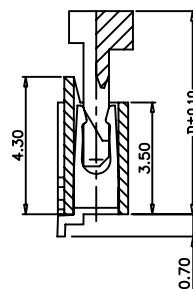
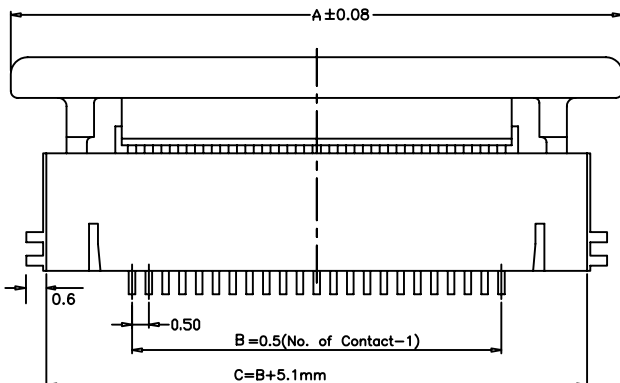
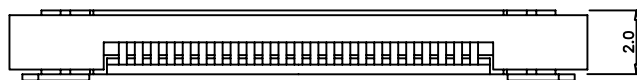
### 1: Electrical Characteristics:

Voltage:	50v max
Current:	0.5A max
Dielectric with standing voltage:	250 vac
Insulation resistance:	50 Megaohms min.
Contact resistance:	20 Milliohms max

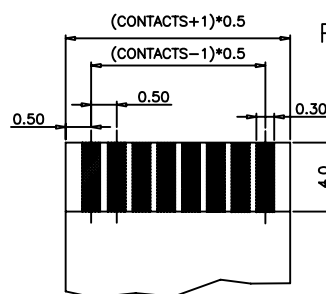
### 2: Material

Housing:	high-temp. PA4/6
Actuator:	high-temp. PA9T
Contact:	phosphor bronze. Plating: all tin, lead free C5191
Holdown: brass.	Plating: all tin, lead free C2680
Cap:	brass. Plating: Ni

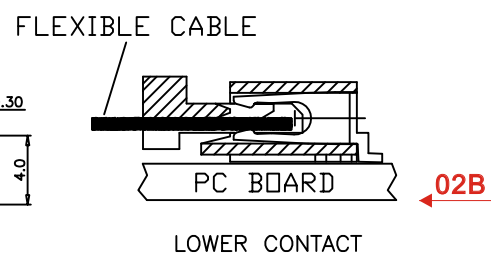
### 3: Drawing:



PC BOARD LAYOUT



FFC/FPC DIMENSION  
THICKNESS 0.3<sup>+0.03</sup><sub>-0.00</sub>mm



## ORDER INFORMATION

Product No: KLS1-FPC050-02A/B-XX

02A: Upper contact  
02B: Lower contact

No. Of pins (04~60 pins)

## FFC/FPC Connectors

**P/N:KLS1-FPC-050-03/0.50mm FPC FFC socket pcb SMT 90  
hinged lock**

### 1:Electrical Characteristics:

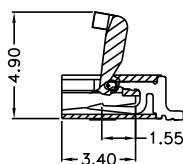
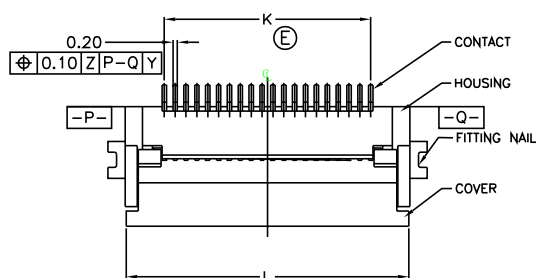
Voltage:	50v max
Current:	0.5A max
Dielectric with standing voltage:	250 vac
Insulation resistance:	50 Megaohms min.
Contact resistance:	20 Milliohms max



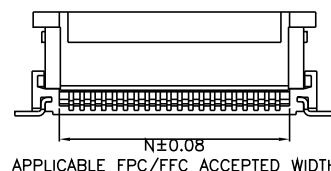
## 2: Material

Housing:	high-temp. PA4/6
Actuator:	high-temp. PA9T
Contact:	phosphor bronze. Plating: all tin, lead free C5191
Holdown: brass.	Plating: all tin, lead free C2680
Cap:	brass. Plating: Ni

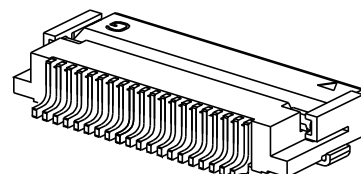
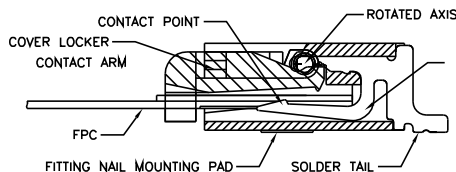
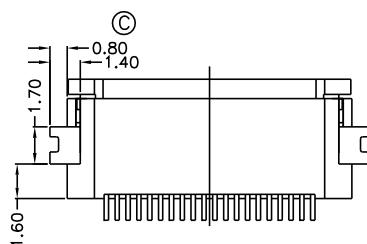
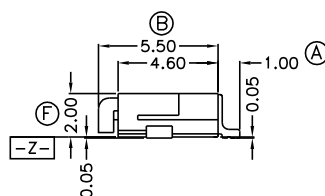
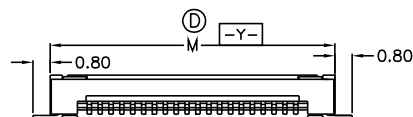
### 3: Drawing:



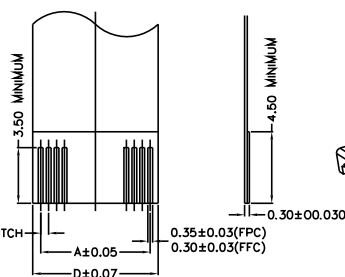
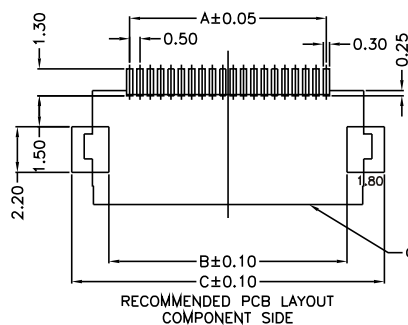
THE MAXIMUM HEIGHT - WHEN THE COVER IS OPEN



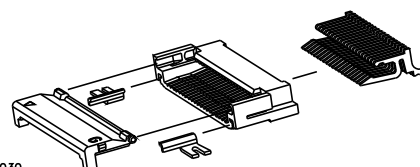
APPLICABLE FPC/FFC ACCEPTED WIDTH



INSERTING DIAGRAM



APPLICABLE FPC  
RECOMMENDED DIMENSION



## ORDER INFORMATION

Product No: KLS1-FPC050-03-XX

Series No.

- No. Of pins (04~60 pins)

## FFC/FPC Connectors

**P/N: KLS1-FPC-080-02/0.80mm FPC socket pcb SMT 90  
zif-lock upper & lower contact**

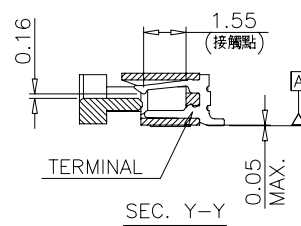
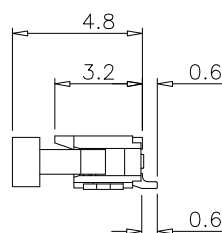
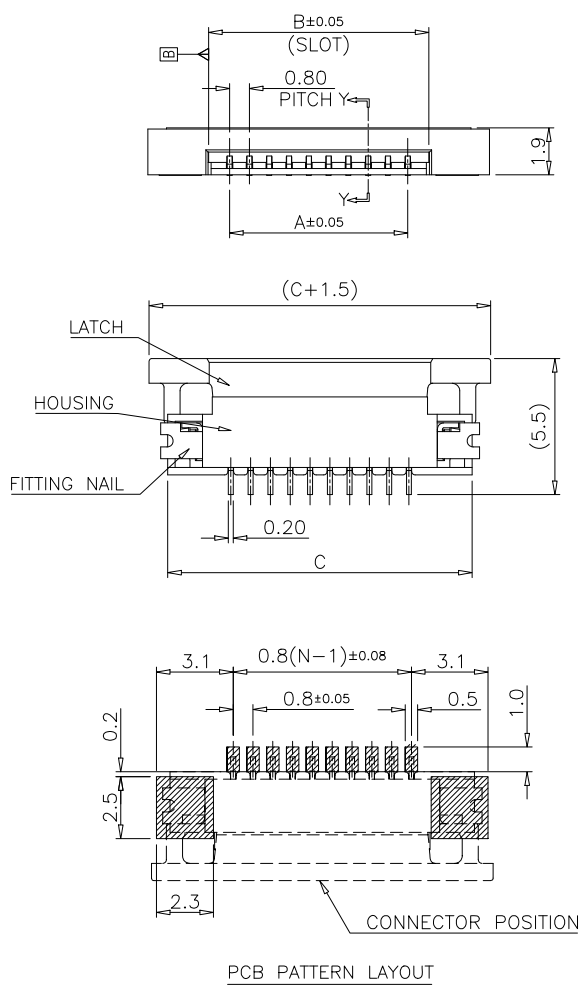
### 1: Electrical Characteristics:

Voltage:	50v max
Current:	0.5A max
Dielectric with standing voltage:	250 vac
Insulation resistance:	50 Megaohms min.
Contact resistance:	20 Milliohms max

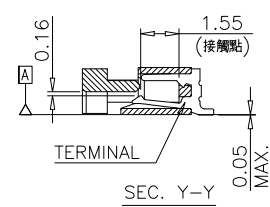
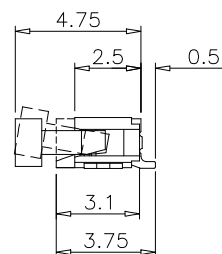
### 2: Material

Housing:	high-temp. PA4/6
Actuator:	high-temp. PA9T
Contact:	phosphor bronze. Plating: all tin, lead free C5191
Holdown: brass.	Plating: all tin, lead free C2680
Cap:	brass. Plating: Ni

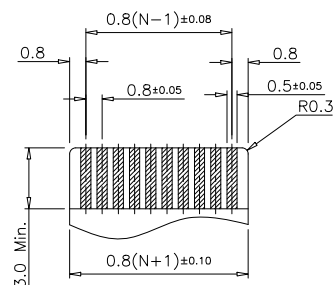
### 3: Drawing:



02A



02B



RECOMMENDED APPLICABLE FPC LAYOUT  
(THICKNESS:  $0.3 \pm 0.03$ )

## ORDER INFORMATION

Product No: KLS1-FPC080-02A/B-XX

02A: Upper contact  
02B: Lower contact

No. Of pins (04~60 pins)

## FFC/FPC Connectors

**P/N: KLS1-FPC100-01/1.00mm (0.100") FPC socket  
Straight & angled & SMT**

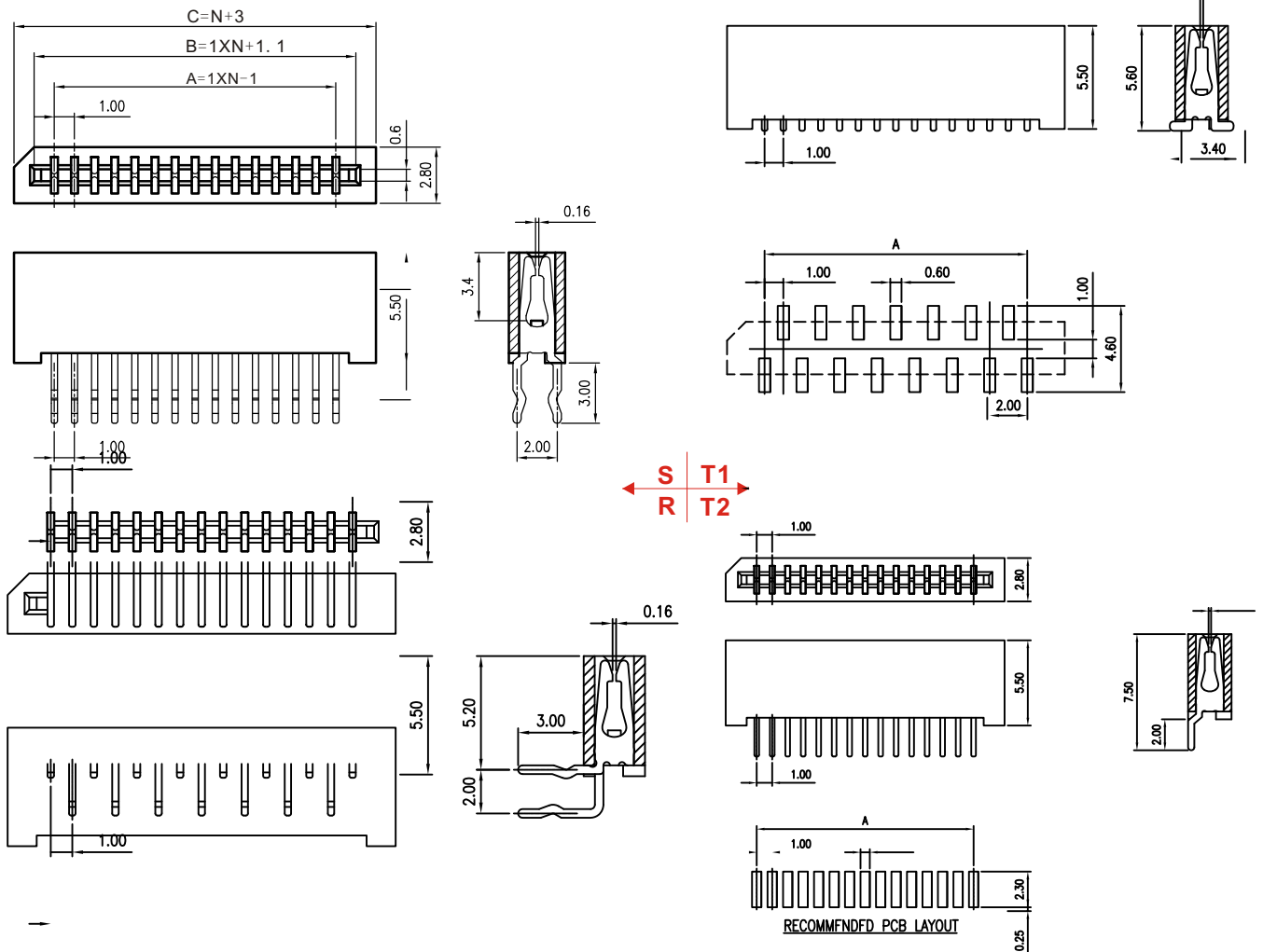
### 1: Electrical Characteristics:

Current rating:	0.5 AMP
Dielectric with standing voltage:	500 vac min
Insulation resistance:	1000 Megaohms min
Contact resistance:	30 Milliohms max
temperature range:	-55 to +85

### 2: Material

Insulator : glass-reinforced thermoplastic,UL94V-0  
Contact: copper alloy  
Plating: tinned

### 3: Drawing:



## ORDER INFORMATION

Product No: KLS1-FPC100-01-XX-S/R/T1/T2

No. Of pins (02~36 pins)

S: straight  
R: Angled  
T1: see pic.  
T2: see pic.

### FFC/FPC connectors

**P/N: KLS1-FPC100-02A/1.00mm (0.0394") FPC FFC socket  
pcb dip 180 zif-lock**

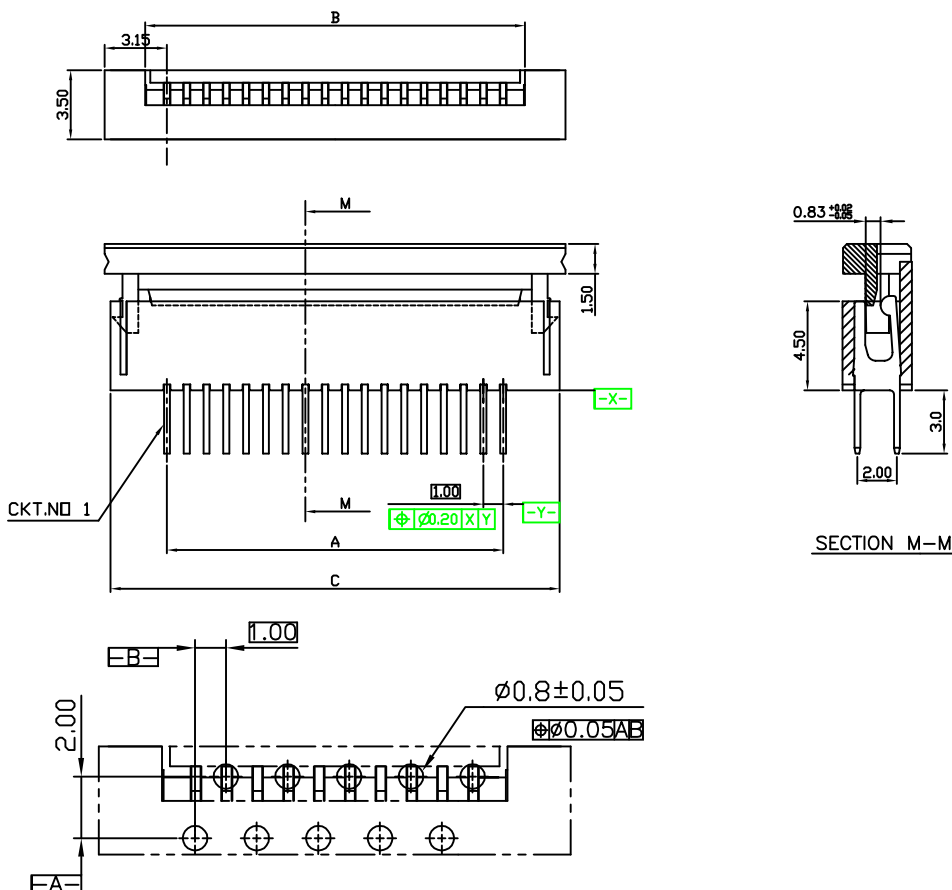
#### 1: Electrical Characteristics

Operating voltage: 100 vac max  
Current rating: 0.5 amp max  
Contact resistance: 30m ohm. max  
Insulation resistance: 500m ohm. min  
Dielectric Withstanding Voltage: 500V AC R.M.S.  
Operating Temperature range: -40 to + 85

#### 2: Material :

Insulation: LCP UL94V-0 rated (color: ivory)  
Slider : pps UL94V-0 rated (color: black)  
Terminal: phosphor bronze  
Plating: tin alloy plated

#### 3: Drawing



#### 4: Ordering information

**P/N: KLS1-FPC100-02A-XX**

No of pins (03~30 pins)

All specification & Dimension are subject to change , please call to KLS



## FFC/FPC connectors

### ■ P/N : KLS1-FPC100-02B/ 1.00mm FPC FFC socket pcb SMT 180 zif-lock

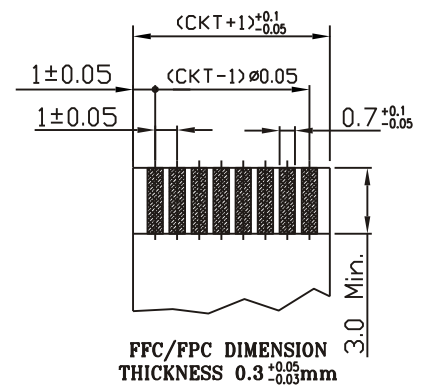
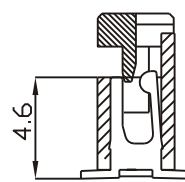
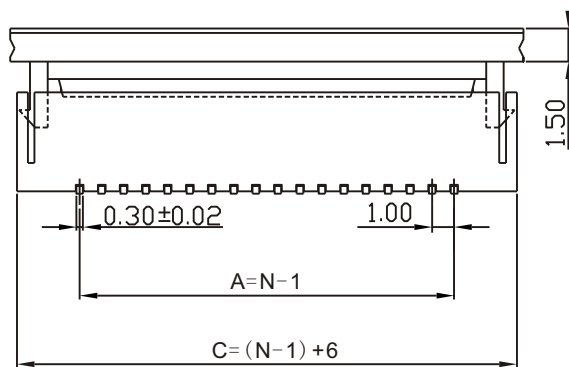
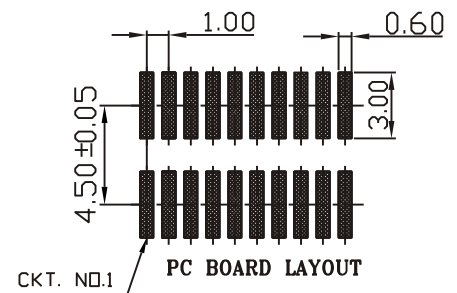
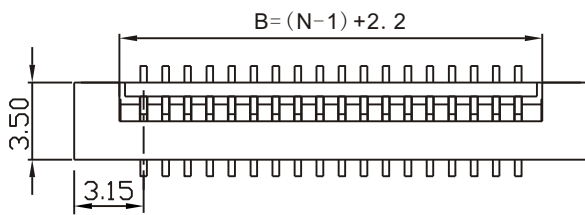
#### 1: Electrical Characteristics

Operating voltage: 100 vac max  
Current rating: 0.5 amp max  
Contact resistance: 30m ohm. max  
Insulation resistance: 500m ohm. min  
Dielectric Withstanding Voltage: 500V AC R.M.S.  
Operating Temperature range: -40 to + 85

#### 2: Material :

Insulation: LCP UL94V-0 rated (color: ivory)  
Slider : pps UL94V-0 rated (color: black)  
Terminal: phosphor bronze  
Plating: tin alloy plated

#### 3: Drawing



#### 4: Ordering information

P/N: KLS1-FPC100-02B-XX

No of pins (03~30 pins)

All specification & Dimension are subject to change , please call to KLS

## FFC/FPC Connectors

**P/N: KLS1-FPC100-03/1.0mm FPC FFC socket 90 smt zif-lock upper & lower contact**

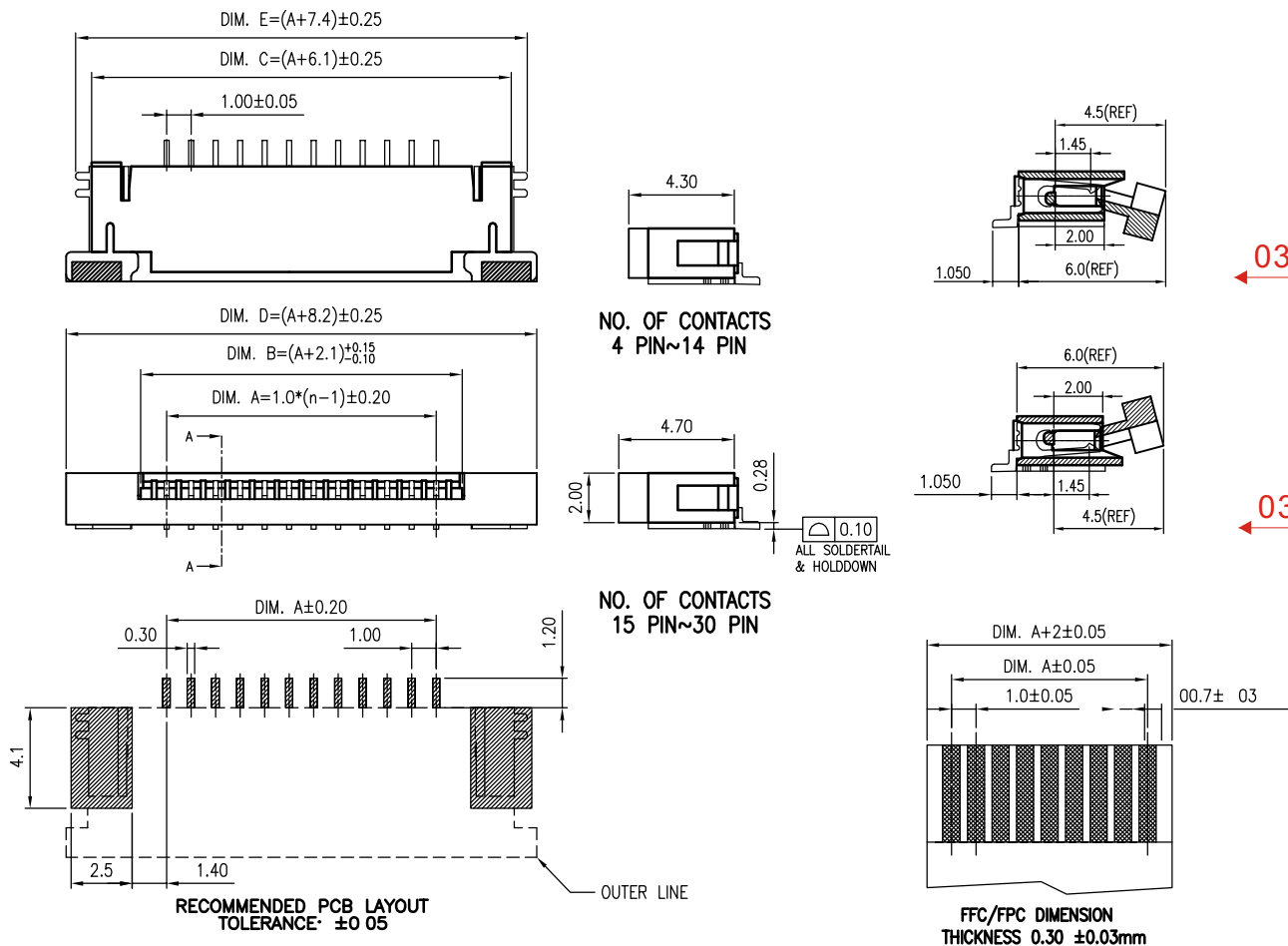
### 1:Electrical Characteristics:

Current rating:	0.5 AMP
Dielectric with standing voltage:	500 vac min
Insulation resistance:	1000 Megaohms min
Contact resistance:	30 Milliohms max
temperature range:	-55 to +85

### 2: Material

Insulator : glass-reinforced thermoplastic,UL94V-0  
Contact: copper alloy  
Plating: tinned

### 3: Drawing:



## ORDER INFORMATION

Product No: KLS1-FPC100-03A/B-XX

03A: Upper contact  
03B: Lower contact

No. Of pins (04~30 pins)



## FFC/FPC connectors

### ■ P/N: KLS1-FPC125-01A/B/1.25mm (0.049") FPC FFC socket pcb dip 180 non-zif

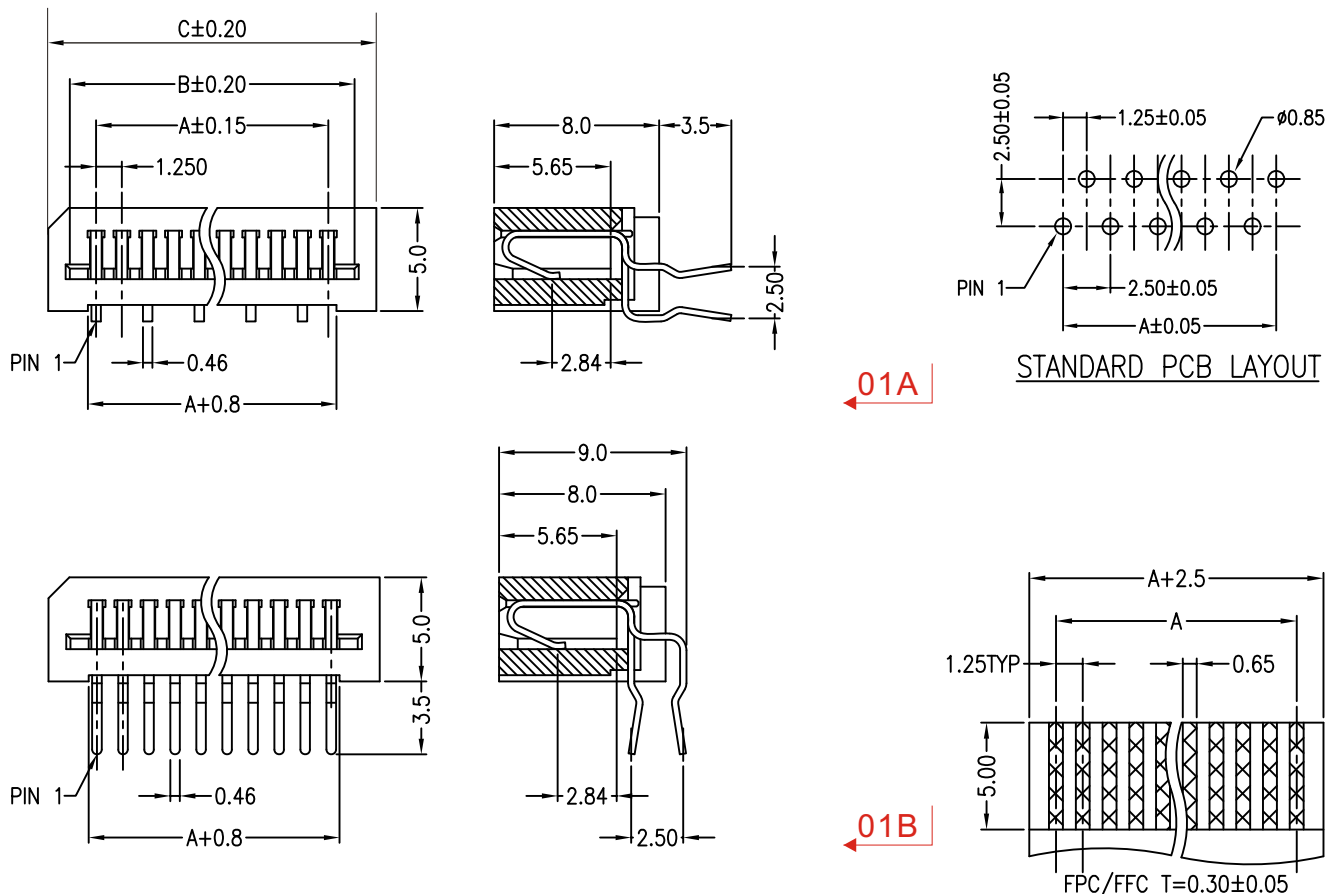
#### 1: Electrical Characteristics

Operating voltage: 100 vac max  
Current rating: 0.75 amp max  
Contact resistance: 30M ohm. max  
Insulation resistance: 1000M ohm. min  
Dielectric Withstanding Voltage: 500V AC R.M.S.  
Operating Temperature range: -40 to + 105

#### 2: Material :

Insulator Material : Polyester UL94V-0  
Contact Material : Phosphor bronze  
Contact plating : Au or Sn over 50u" nl

#### 3: Drawing



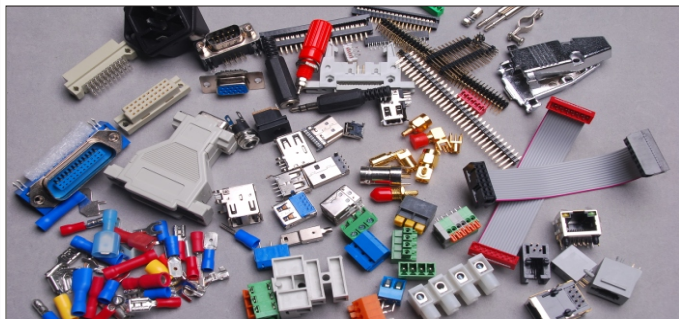
#### 4: Ordering information

#### P/N: KLS1-FPC125-01A/B-XX

01A: DIP 180      No of pins (03~36 pins)  
01B: DIP 90

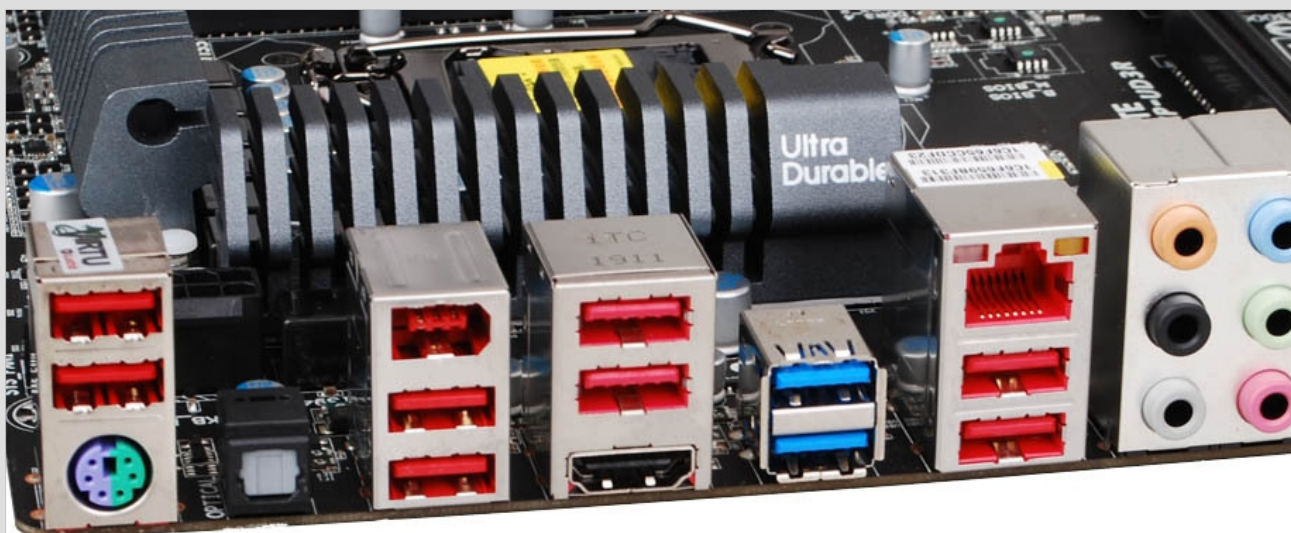
# KLS

## 1-Connectors & Connector Components-Разъемы, соединители и их узлы



- 1-1 Wire to Board connectors
- 1-2 Board to Board connectors
- 1-3 **Input/Output (Box to Box)**
- 1-4 Socket & Card connectors
- 1-5 Power connectors
- 1-6 Audio & Video connectors
- 1-7 RF & Coax
- 1-8 Terminal Blocks & Strips
- 1-9 Terminals & Splices

More . . . 



## PIN Header Series

### KLS1-207C PIN HEADER 1.27mm(0.050") Straight Pin Type

#### Electrical Characteristics:

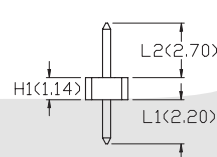
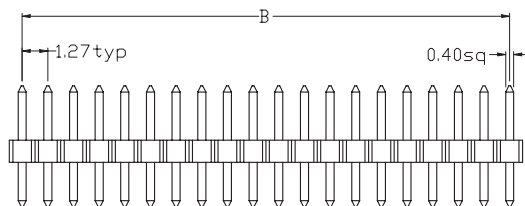
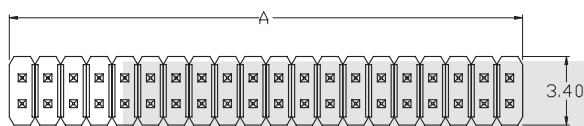
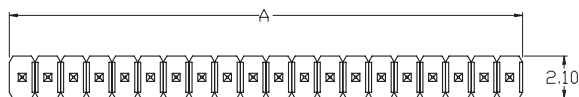
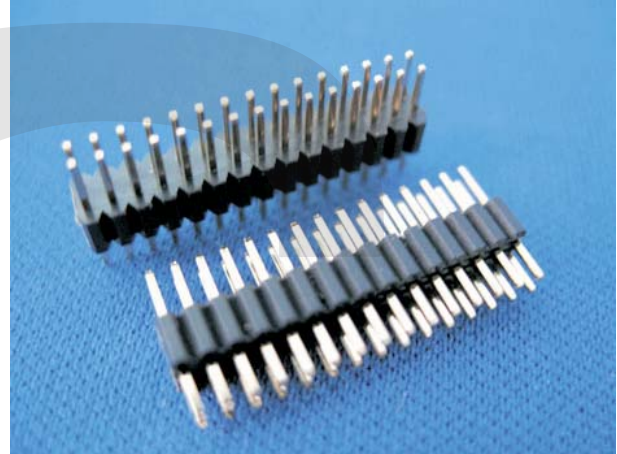
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

#### Material:

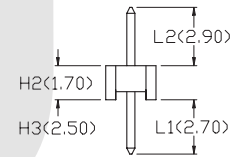
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

#### Features:

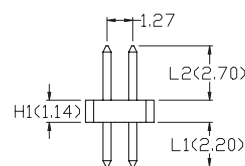
- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



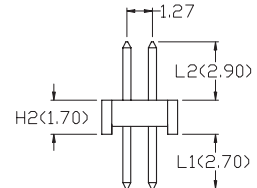
S1 Type



S2 Type



S1 Type



S2 Type



P. C. B Layout

Position	1 Thru 40
Dimension	2 Thru 80
A±0.20	1.27 x No. of Position
B±0.15	1.27 x No. of Position-1.27

## ORDER INFORMATION

Product No.: KLS1-207C-1-XX-S 1

Pos. No. \_\_\_\_\_ Straight Pin Type  
1.27mm Pin Header Series \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
1=Single layer 2=Double layer \_\_\_\_\_ Total pin number : XX= 1~80pin

## PIN Header Series

KLS1-207C PIN HEADER 1.27mm(0.050") Single layer Right Pin Type

### Electrical Characteristics:

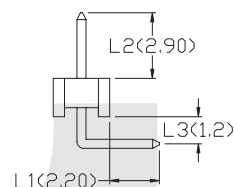
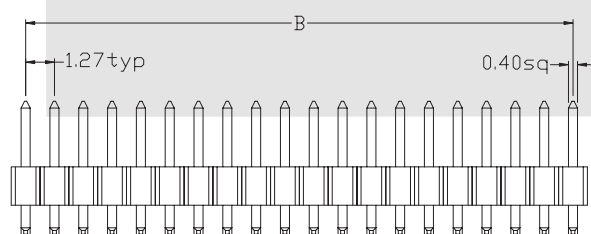
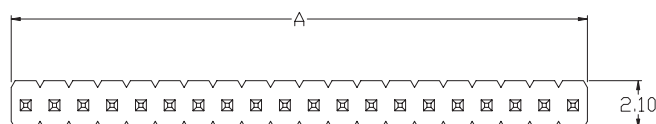
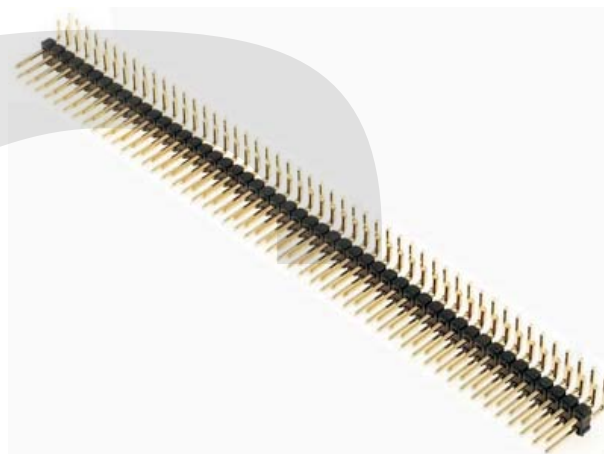
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

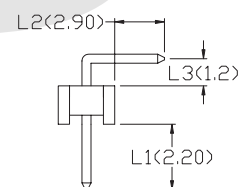
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

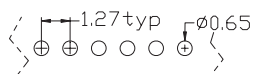
- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



R1 Type



R2 Type



P.C.B Layout

Position	1 Thru 40
Dimension	1.27 x No. of Position
A±0.20	1.27 x No. of Position
B±0.15	1.27 x No. of Position-1.27

## ORDER INFORMATION

Product No.: KLS1-207C-1-XX-R 1

Pos. No. \_\_\_\_\_ Right Pin type  
1.27mm Pin Header Series \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
1=Single layer 2=Double layer \_\_\_\_\_ Total pin number : XX= 1~40pin

## PIN Header Series

KLS1-207C PIN HEADER 1.27mm(0.050") Double layer Right Pin Type

### Electrical Characteristics:

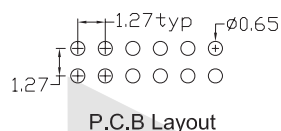
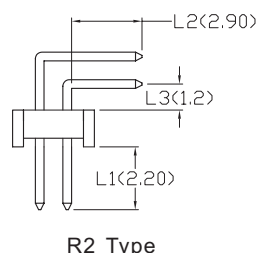
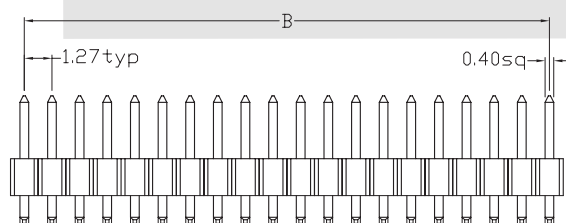
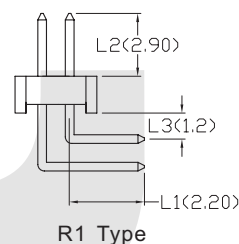
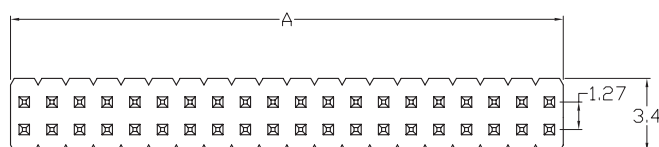
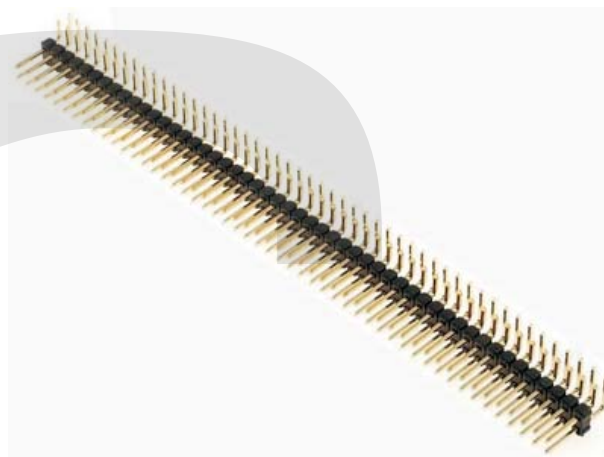
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



Position	2 Thru 80
Dimension	
A ± 0.20	1.27 x No. of Position
B ± 0.15	1.27 x No. of Position-1.27

## ORDER INFORMATION

Product No.: KLS1-207C-2-XX-R 1

Pos. No. \_\_\_\_\_ Right Pin type  
1.27mm Pin Header Series \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
1=Single layer 2=Double layer \_\_\_\_\_ Total pin number : XX= 2~80pin

## PIN Header Series

KLS1-207C PIN HEADER 1.27mm(0.050") SMT Type

### Electrical Characteristics:

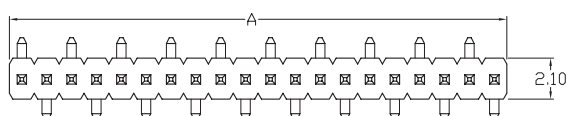
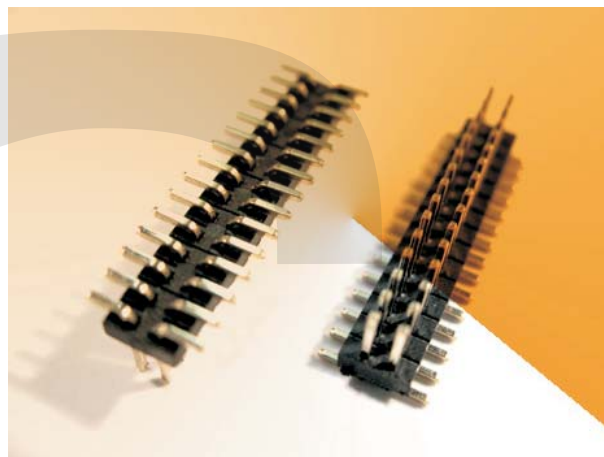
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

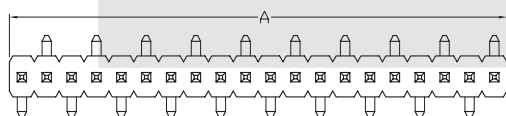
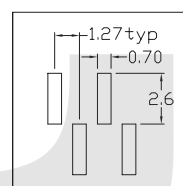
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

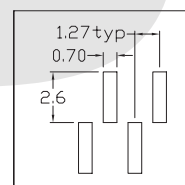
- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



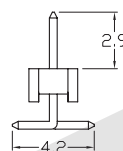
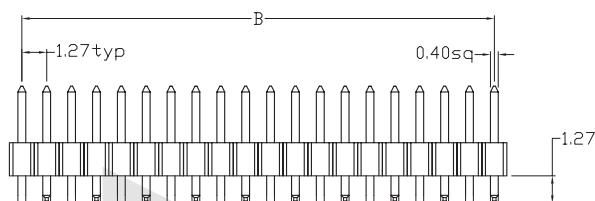
T1 Type



T2 Type



P.C.B Layout



Position	1 Thru 40
Dimension	
A ± 0.20	1.27 x No. of Position
B ± 0.15	1.27 x No. of Position-1.27

## ORDER INFORMATION

Product No.: KLS1-207C-1-XX-T 1

Pos. No. \_\_\_\_\_ SMT Pin type  
1.27mm Pin Header Series \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
1=Single layer 2=Double layer \_\_\_\_\_ Total pin number : XX= 1~40pin



## PIN Header Series

KLS1-207C PIN HEADER 1.27mm(0.050") SMT Type

### Electrical Characteristics:

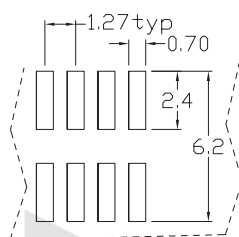
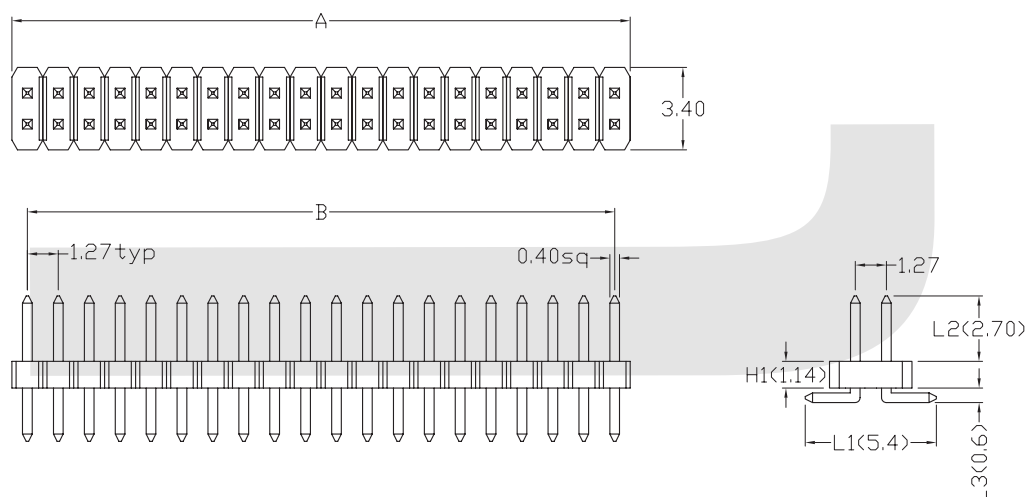
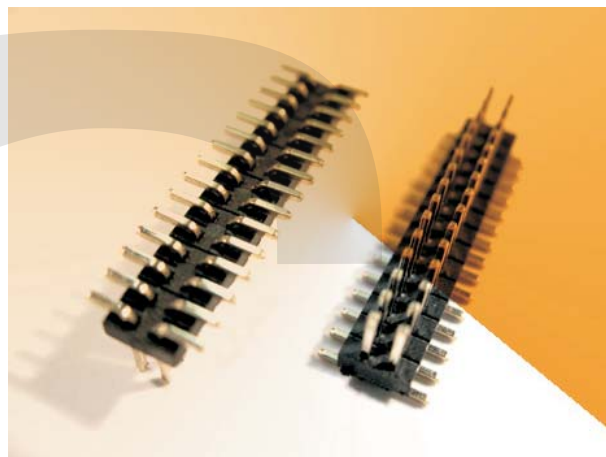
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



P.C.B Layout

Position	2 Thru 80
Dimension	
A ± 0.20	1.27 x No. of Position
B ± 0.15	1.27 x No. of Position-1.27

## ORDER INFORMATION

Product No.: KLS1-207C-2-XX-T

Pos. No. \_\_\_\_\_  
1.27mm Pin Header Series \_\_\_\_\_  
1=Single layer 2=Double layer \_\_\_\_\_  
Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
Total pin number : XX= 2~80pin

## PIN Header Series

### KLS1-207D PIN HEADER 1.27x2.54mm Straight Pin Type

#### Electrical Characteristics:

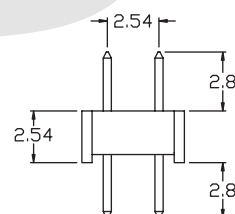
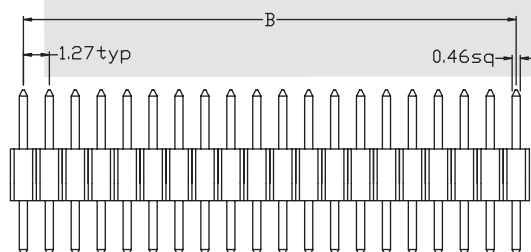
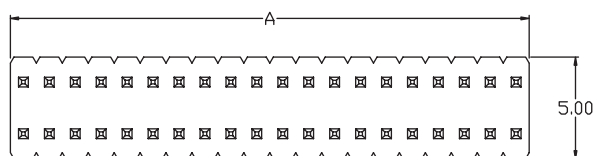
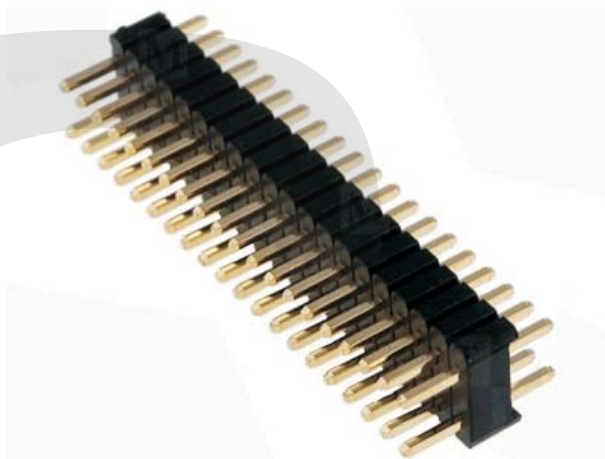
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

#### Material:

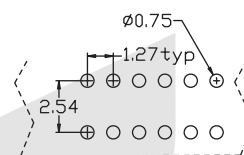
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

#### Features:

- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



Position	2 Thru 80
Dimension	
A±0.20	1.27 X No.of Positions
B±0.15	1.27 X No.of Positions -1.27



P.C.B Layout

## ORDER INFORMATION

Product No.: KLS1-207D - XX-S

Pos. No.

1.27x2.54mm Pin Header Series

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin

Total pin number: XX= 2~80pin

## PIN Header Series

### KLS1-207D PIN HEADER 1.27x2.54mm Right Pin Type

#### Electrical Characteristics:

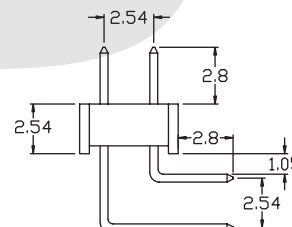
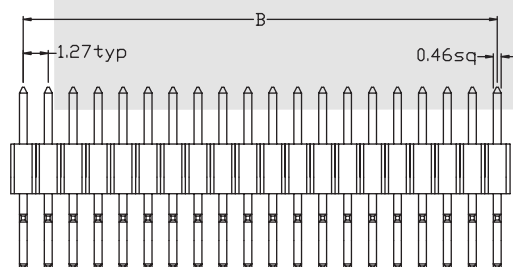
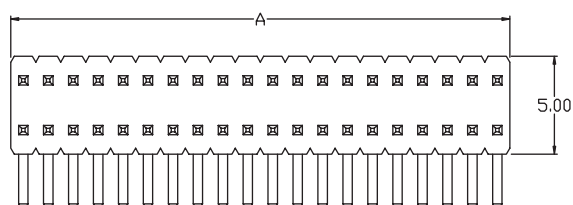
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

#### Material:

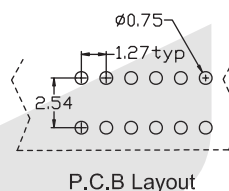
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

#### Features:

- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



Position	2 Thru 80
Dimension	
A±0.20	1.27 X No.of Positions
B±0.15	1.27 X No.of Positions -1.27



## ORDER INFORMATION

Product No.: KLS1-207D - XX-R

Pos. No. \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
1.27x2.54mm Pin Header Series \_\_\_\_\_ Total pin number : XX= 2~80pin

## PIN Header Series

KLS1-207D PIN HEADER 1.27x2.54mm SMT Type

### Electrical Characteristics:

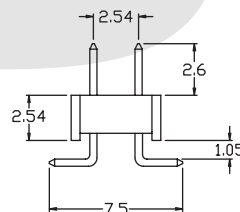
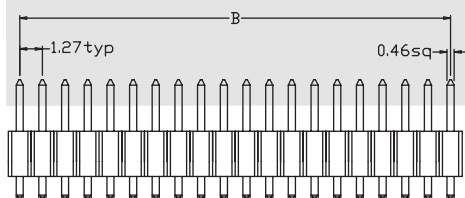
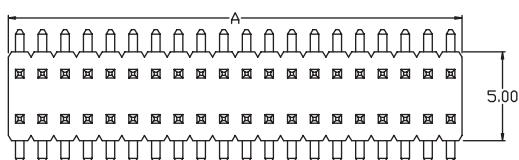
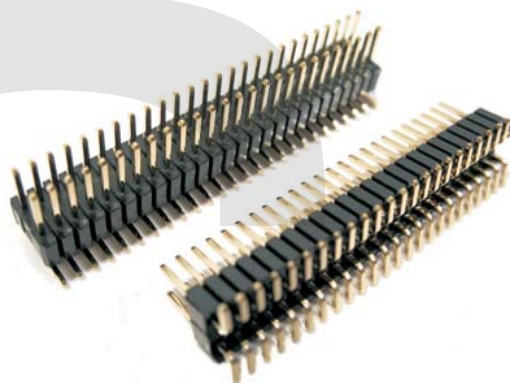
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

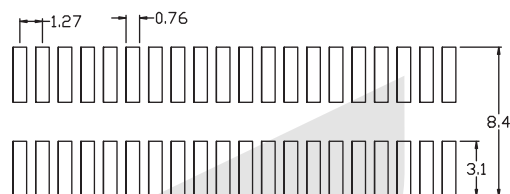
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



Position	2 Thru 80
Dimension	
A±0.20	1.27 X No.of Positions
B±0.15	1.27 X No.of Positions -1.27



P.C.B Layout

## ORDER INFORMATION

Product No.: KLS1-207D - XX-T

Pos. No.

1.27x2.54mm Pin Header Series

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin

Total pin number : XX= 2~80pin

## PIN Header Series

KLS1-218C Pin Header 1.27mm(0.050 ") Dual insulators high versatility

### Electrical Characteristics:

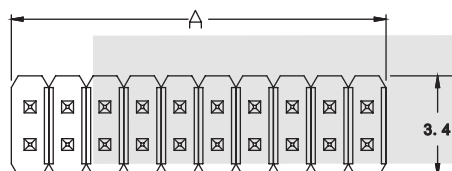
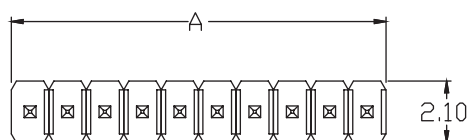
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

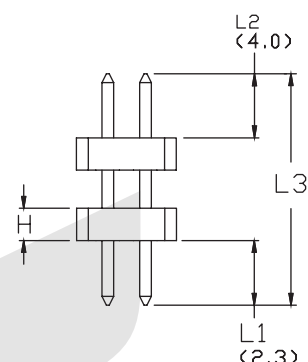
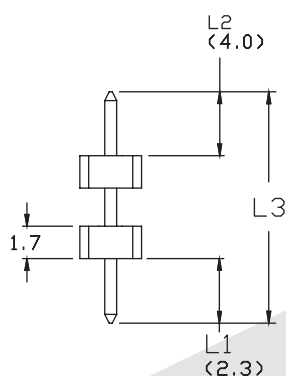
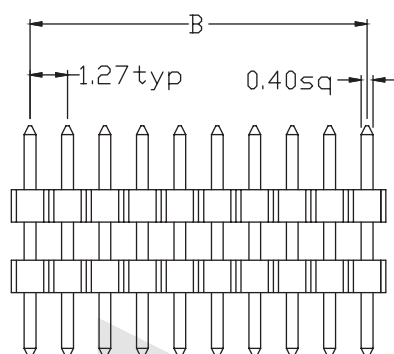
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u". over 50u" nickel  
Tin plated: 100u". over 50u" nickel

### Features:

- \* Dual insulators offer high versatility
- \* Side-to-Side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



Position	1 Thru 40
Dimension	2 Thru 80
A±0.20	1.27xN
B±0.15	1.27xN-1.27



## ORDER INFORMATION

Product No.: KLS1-218C-1-XX-S- L1\*L2\*L3

Pos. No. \_\_\_\_\_ L1\L2\L3 Size \_\_\_\_\_  
Pin Header 1.27mm Dual insulators  
high versatility Series \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
1=Single layer 2=Double layer \_\_\_\_\_ Total pin number: XX=01-80Pin

## PIN Header Series

KLS1-218C Pin Header 1.27mm(0.050 ") Dual insulators high versatility

### Electrical Characteristics:

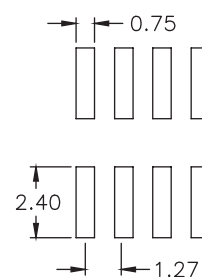
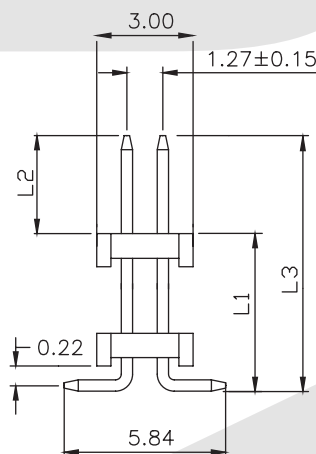
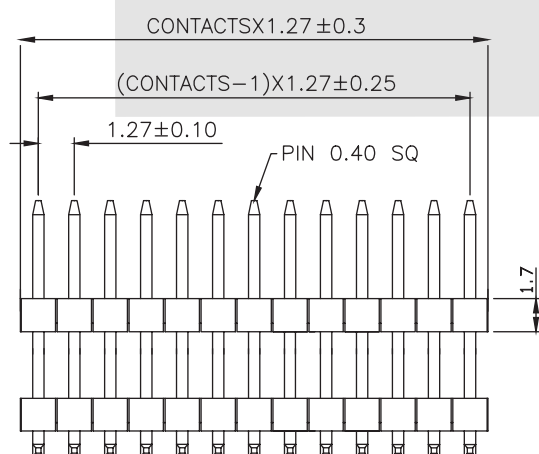
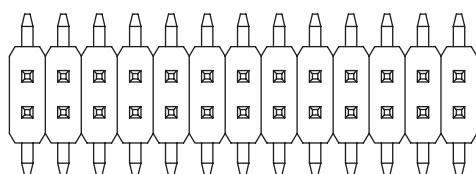
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u". over 50u" nickel  
Tin plated: 100u". over 50u" nickel

### Features:

- \* Dual insulators offer high versatility
- \* Side-to-Side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



## ORDER INFORMATION

Product No.: KLS1-218C-2-XX-T-L1\*L2\*L3

Pos. No.

Pin Header 1.27mm Dual insulators  
high versatility Series

1=Single layer 2=Double layer

L1\L2\L3 Size

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin

Total pin number: XX=02-80Pin



## PIN Header Series

KLS1-218C Pin Header 1.27mm(0.050 ") Dual insulators high versatility

### Electrical Characteristics:

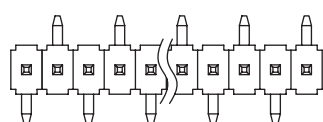
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

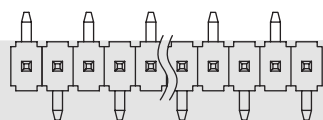
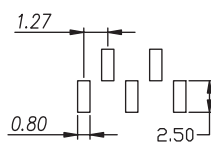
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u". over 50u" nickel  
Tin plated: 100u". over 50u" nickel

### Features:

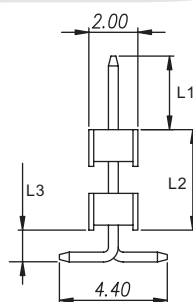
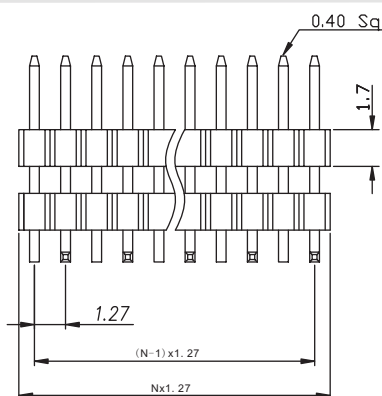
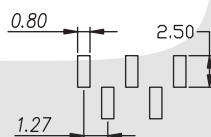
- \* Dual insulators offer high versatility
- \* Side-to-Side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



T2 Type



T1 Type



## ORDER INFORMATION

Product No.: KLS1-218C-1-XX-T 1 -L1\*L2\*L3

Pos. No. \_\_\_\_\_ L1\L2\L3 Size  
Pin Header 1.27mm Dual insulators  
high versatility Series  
1=Single layer 2=Double layer \_\_\_\_\_ SMT Pin Type  
Total pin number: XX=01-40Pin \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin

## Pin Header Series

KLS1-207B Pin Header 2.00mm(0.079 ") Straight Pin Type

### Electrical Characteristics:

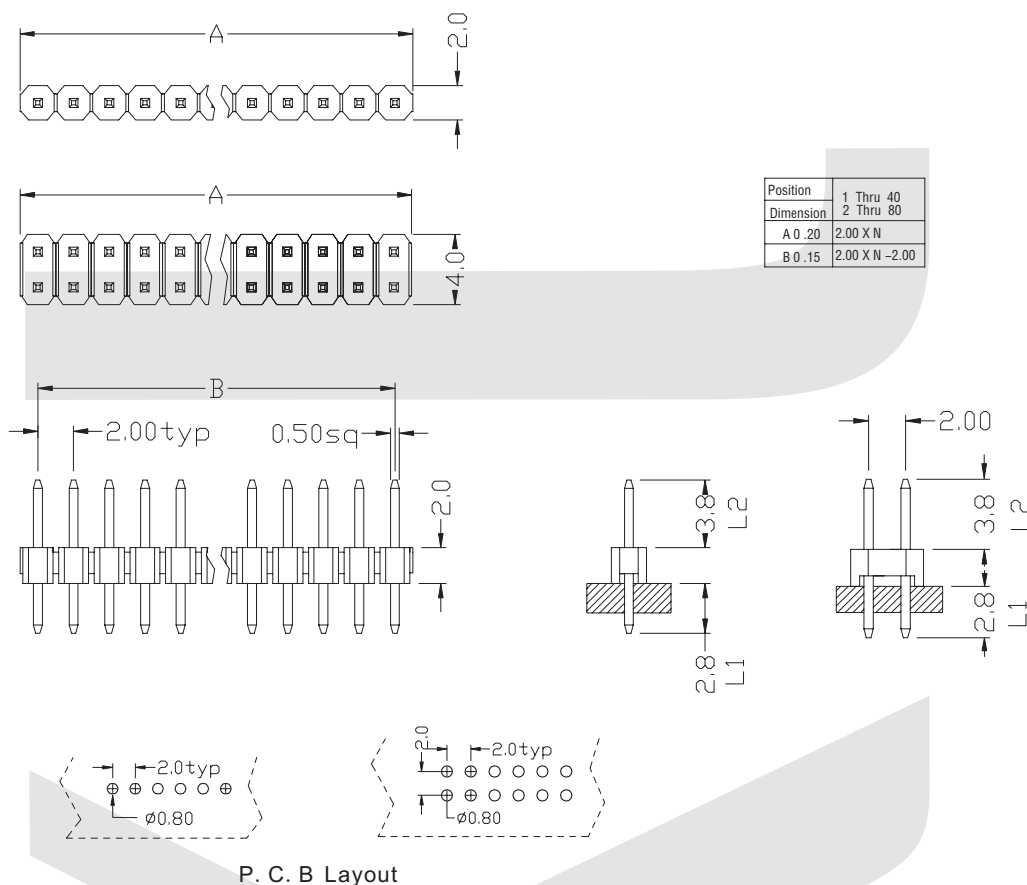
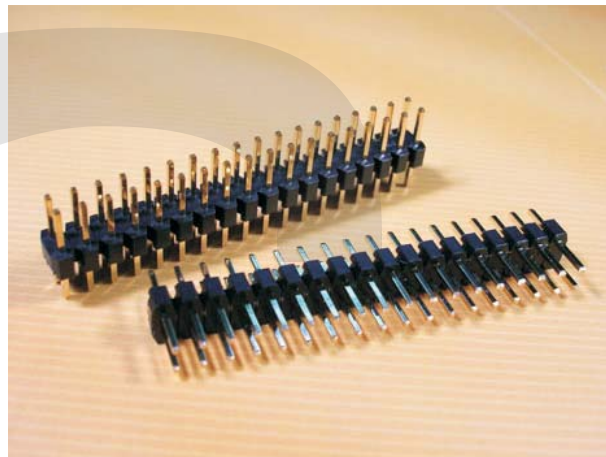
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

- \* Available in straight and right angle.
- \* Side-to-Side and end-to-end stackable.
- \* Custom design provides wide products flexibility.



## ORDER INFORMATION

Product No.: KLS1-207B-1-XX-S

Pos. No. \_\_\_\_\_  
2.00mm Pin Header Series \_\_\_\_\_  
1=Single layer 2=Double layer \_\_\_\_\_  
Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
Total pin number: XX=01-80Pin

## Pin Header Series

### KLS1-207B Pin Header 2.00mm(0.079") Right Pin Type

#### Electrical Characteristics:

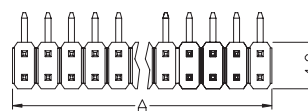
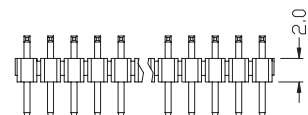
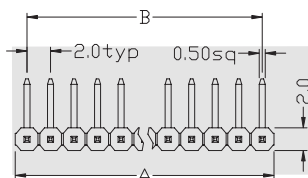
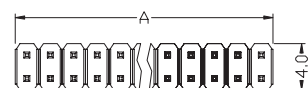
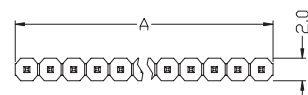
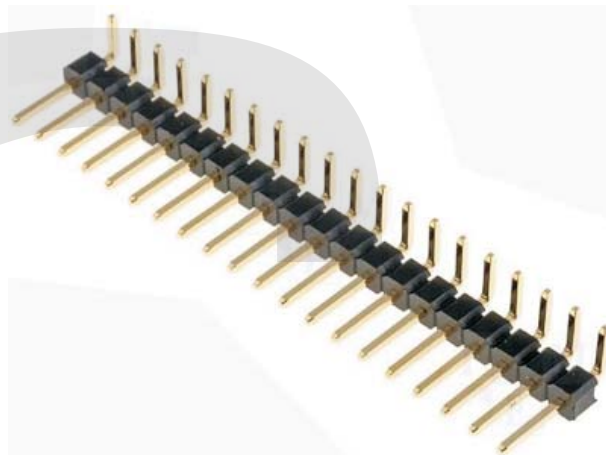
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

#### Material:

Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

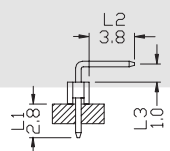
#### Features:

- \* Available in straight and right angle.
- \* Side-to-Side and end-to-end stackable.
- \* Custom design provides wide products flexibility.

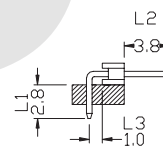


P. C. B Layout

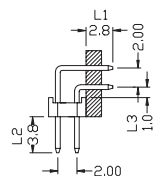
Position	1 Thru 40
Dimension	2 Thru 80
A	0.20
B	0.15



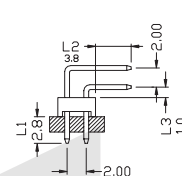
R1 TYPE



R2 TYPE



R1 TYPE



R2 TYPE

## ORDER INFORMATION

Product No.: KLS1-207B-1-XX-R 1

Pos. No. \_\_\_\_\_ Right Pin Type  
2.00mm Pin Header Series \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
1=Single layer 2=Double layer \_\_\_\_\_ Total pin number: XX=01-80Pin

## Pin Header Series

KLS1-207B Pin Header 2.00mm(0.079 ") Single layer SMT Pin Type

### Electrical Characteristics:

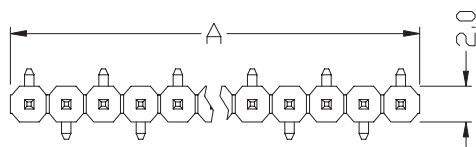
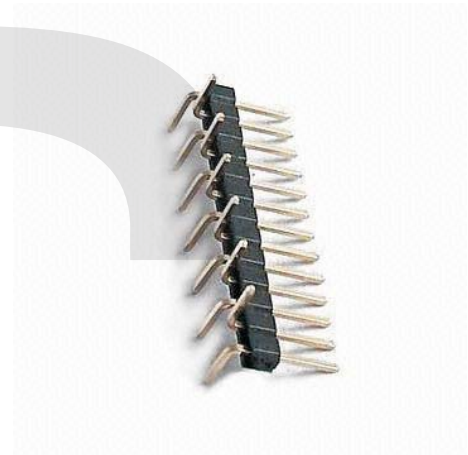
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

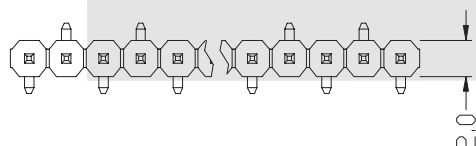
### Features:

- \* Available in straight and right angle.
- \* Side-to-Side and end-to-end stackable.
- \* Custom design provides wide products flexibility.

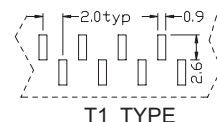


T1

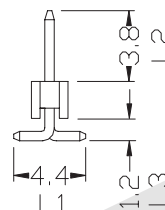
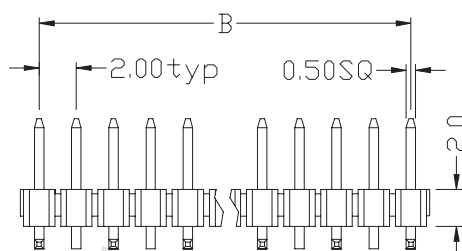
Position	1 Thru 40
Dimension	
A 0.20	2.00 X N
B 0.15	2.00 X N -2.00



T2



T1 TYPE



T2 TYPE

P. C. B Layout

## ORDER INFORMATION

Product No.: KLS1-207B-1-XX-T 1

Pos. No. \_\_\_\_\_ SMT Pin Type  
2.00mm Pin Header Series \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
1=Single layer 2=Double layer \_\_\_\_\_ Total pin number: XX=01-40Pin

## Pin Header Series

KLS1-207B Pin Header 2.00mm(0.079 ") Double layer SMT Pin

### Electrical Characteristics:

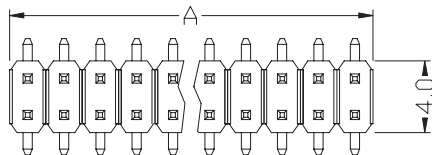
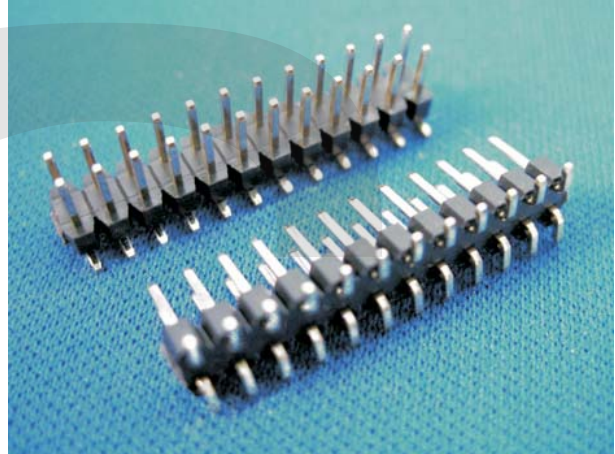
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

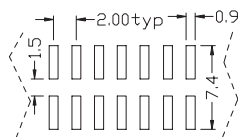
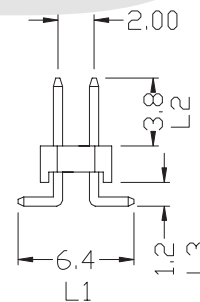
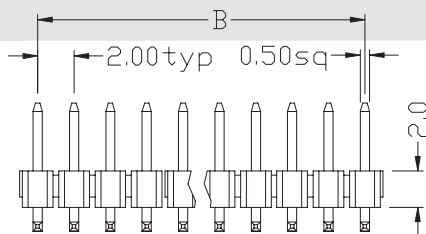
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

- \* Available in straight and right angle.
- \* Side-to-Side and end-to-end stackable.
- \* Custom design provides wide products flexibility.



Position	2 Thru 80
Dimension	
A 0.20	2.00 X N
B 0.15	2.00 X N - 2.00



P. C. B Layout

## ORDER INFORMATION

Product No.: KLS1-207B-2-XX-T

Pos. No. \_\_\_\_\_  
2.00mm Pin Header Series \_\_\_\_\_  
1=Single layer 2=Double layer \_\_\_\_\_  
Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
Total pin number: XX=02-80Pin

## Pin Header Series

KLS1-207B Pin Header 2.00mm(0.079") Double layer SMT Pin

### Electrical Characteristics:

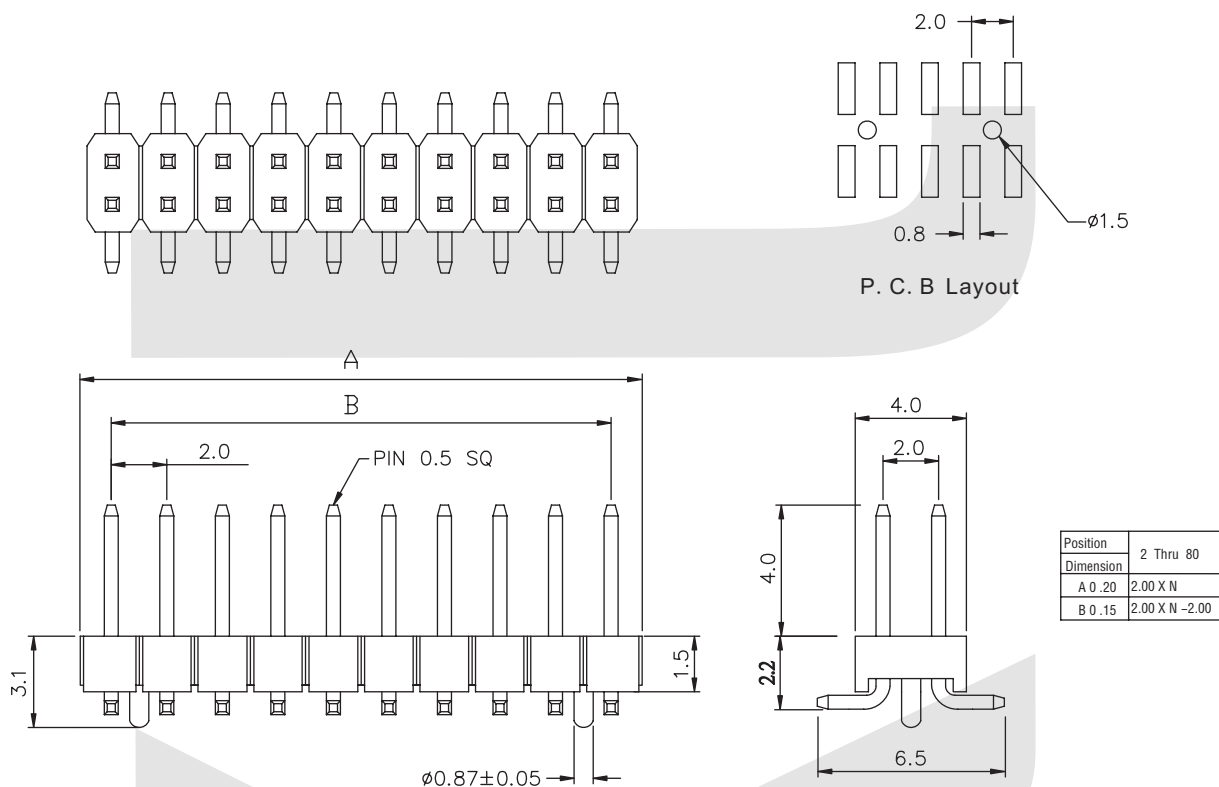
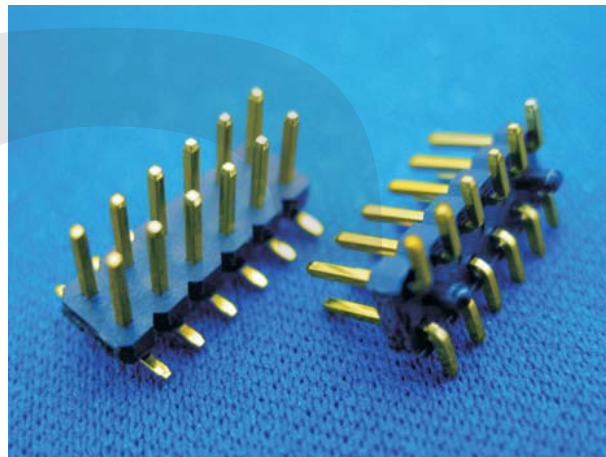
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

- \* Available in straight and right angle.
- \* Side-to-Side and end-to-end stackable.
- \* Custom design provides wide products flexibility.



## ORDER INFORMATION

Product No.: KLS1-207B-2-XX-T 3

Pos. No. \_\_\_\_\_ SMT Pin Type  
2.00mm Pin Header Series \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
1=Single layer 2=Double layer \_\_\_\_\_ Total pin number: XX=02-80Pin



## PIN Header Series

KLS1-218B PIN HEADER 2.0mm (0.079 ") Dual insulators high versatility

### Electrical Characteristics:

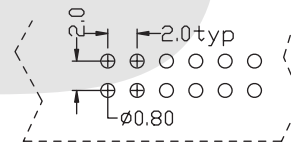
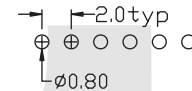
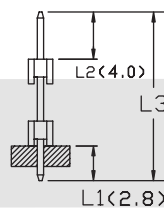
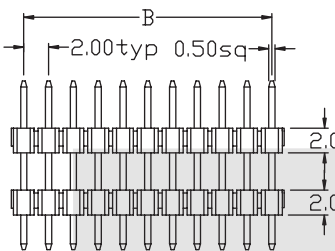
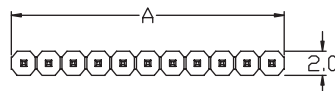
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

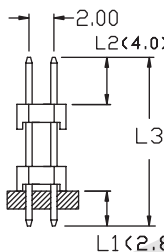
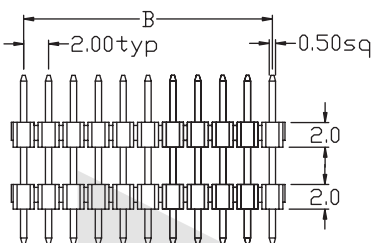
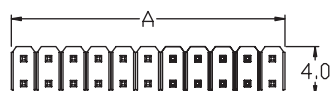
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u". over 50u" nickel  
Tin plated: 100u". over 50u" nickel

### Features:

- \* Dual insulators offer high versatility
- \* Side-to-Side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



P.C.B Layout



Position	1 Thru 40
Dimension	2 Thru 80
A±0.20	2. 0xNo. of Positions
B±0.15	2. 0xNo. of Positions-2. 0

## ORDER INFORMATION

Product No.: KLS1-218B-1-XX-S-L1\*L2\*L3

Pos. No. \_\_\_\_\_  
Pin Header 2.0mm Dual  
insulators high versatility Series

L1\L2\L3 Size  
Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
Total pin number : XX=01-80Pin  
1=Single layer 2=Double layer

## PIN Header Series

KLS1-218B PIN HEADER 2.0mm (0.079 ") Dual insulators high versatility

### Electrical Characteristics:

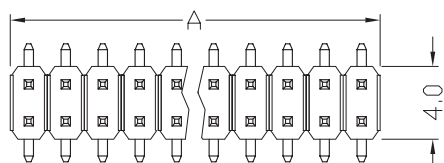
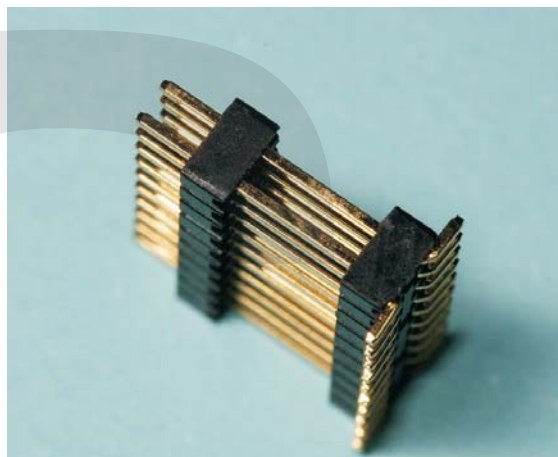
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

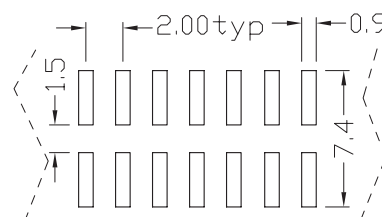
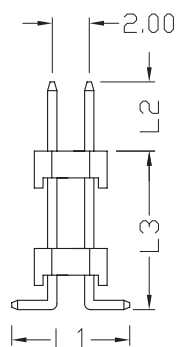
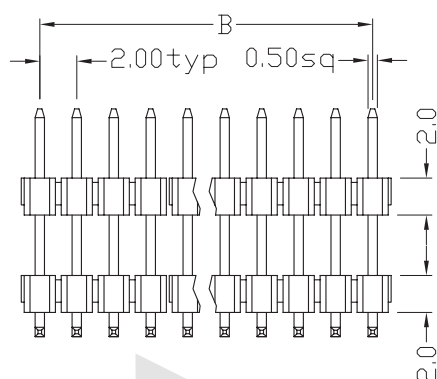
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u". over 50u" nickel  
Tin plated: 100u". over 50u" nickel

### Features:

- \* Dual insulators offer high versatility
- \* Side-to-Side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



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



**T Type  
P.C.B Layout**

## ORDER INFORMATION

Product No.: KLS1-218B-1-XX-T -L1\*L2\*L3

Pos. No. \_\_\_\_\_  
Pin Header 2.0mm Dual  
insulators high versatility Series

L1\L2\L3 Size  
Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
Total pin number : XX=01-80Pin  
1=Single layer 2=Double layer

## PIN Header Series

KLS1-218B PIN HEADER 2.0mm (0.079 ") Dual insulators high versatility

### Electrical Characteristics:

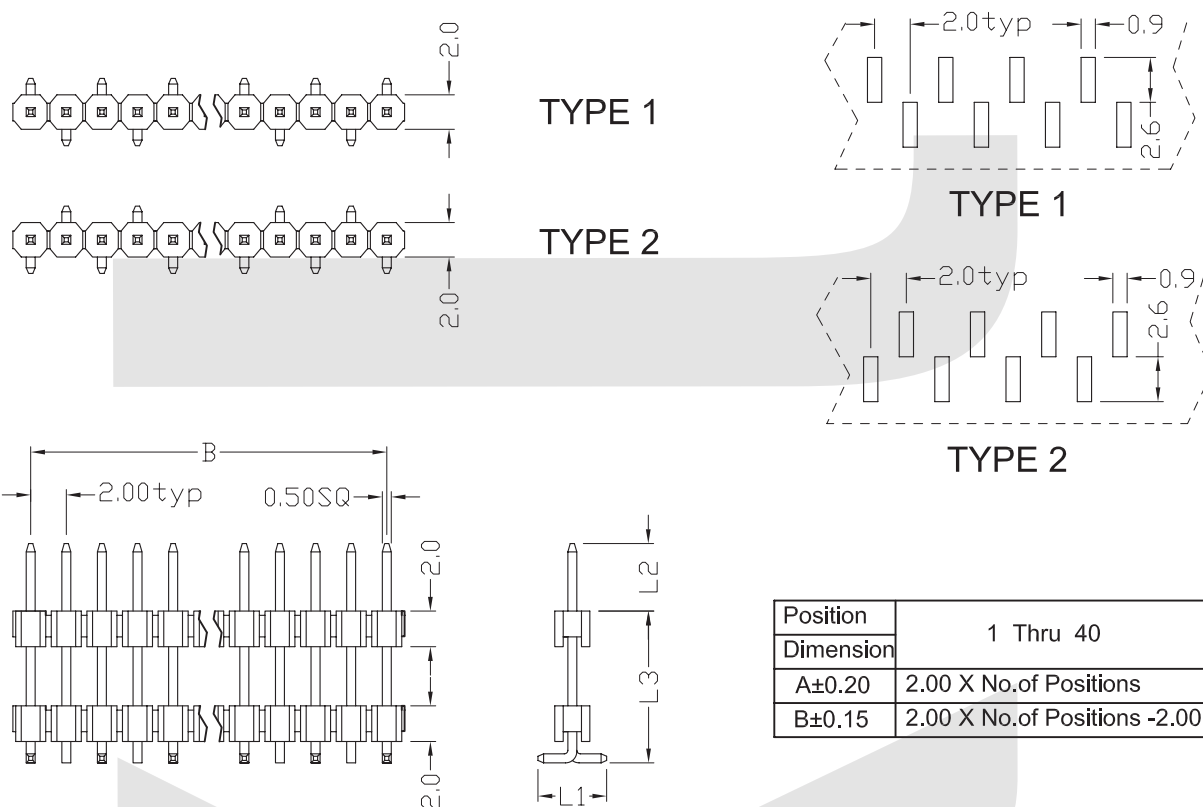
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Gold plated: 0.8u". over 50u" nickel  
Tin plated: 100u". over 50u" nickel

### Features:

- \* Dual insulators offer high versatility
- \* Side-to-Side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



## ORDER INFORMATION

Product No.: KLS1-218B-1-XX-T 1-L1\*L2\*L3

Pos. No. \_\_\_\_\_ L1\L2\L3 Size  
Pin Header 2.0mm Dual insulators high versatility Series  
SMT Pin Type  
Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
Total pin number : XX=01-80Pin  
1=Single layer 2=Double layer

## Pin Header Series

### KLS1-207 PIN HEADER 2.54mm(0.100") Straight Pin Type

#### Electrical Characteristics:

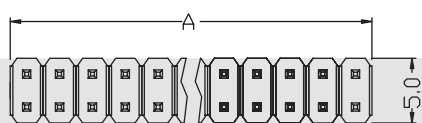
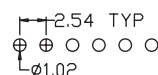
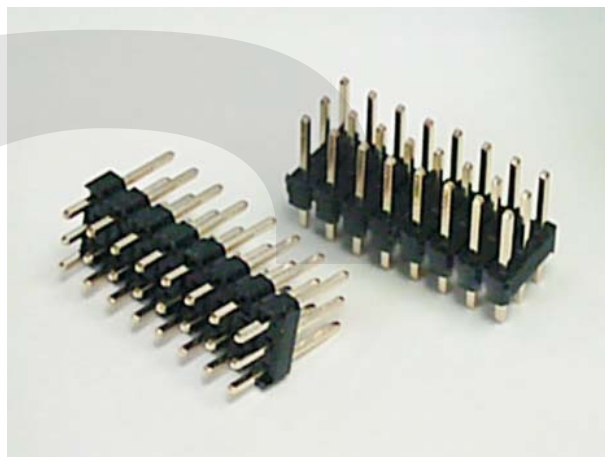
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

#### Material:

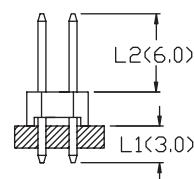
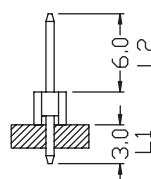
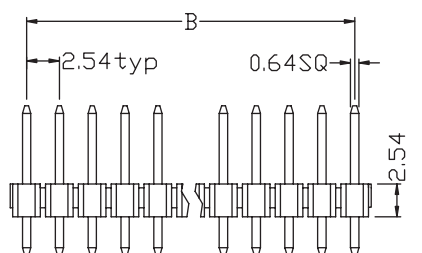
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Selective gold plated : gold plated on mating area and nickel plated on wire Cutting area  
Gold plated: 0.8u " over 50u " nickel  
Tin plated: 100u " over 50u " nickel

#### Features:

- \* Available in straight and right angle.
- \* Side-to-side and end-to-end stackable.
- \* Custom design offered.



P. C. B Layout



Position	1 Thru 40
Dimension	2 Thru 80
A±0.20	2.54xN
B±0.15	2.54xN-2.54

## ORDER INFORMATION

Product No.: KLS1-207-1-XX-S

Pos. No.

2.54mm Pin Header Series

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin

Total pin number: XX=01-80Pin

1-Single layer 2-Double layer

## Pin Header Series

### KLS1-207 PIN HEADER 2.54mm(0.100") Right Pin Type

#### Electrical Characteristics:

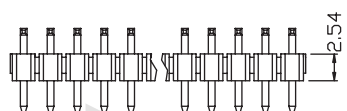
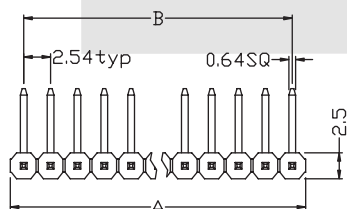
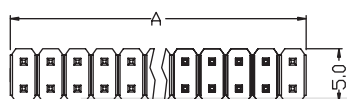
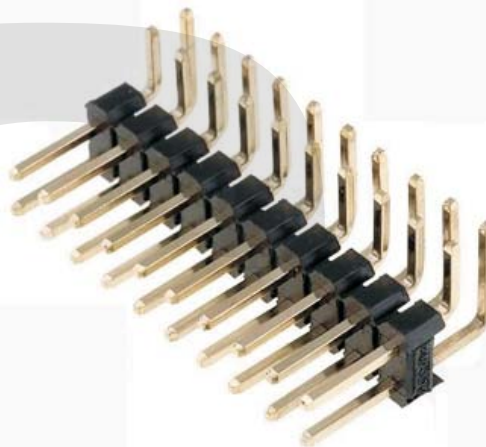
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

#### Material:

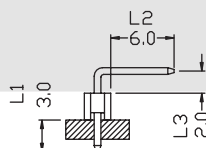
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Selective gold plated : gold plated on mating area and nickel plated on wire Cutting area  
Gold plated: 0.8u " over 50u " nickel  
Tin plated: 100u " over 50u " nickel

#### Features:

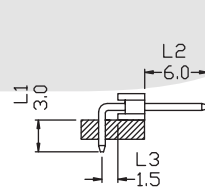
- \* Available in straight and right angle.
- \* Side-to-side and end-to-end stackable.
- \* Custom design offered.



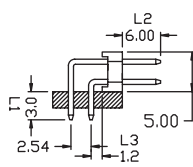
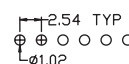
Position	1 Thru 40
Dimension	2 Thru 80
A±0.20	2.54xN
B±0.15	2.54xN-2.54



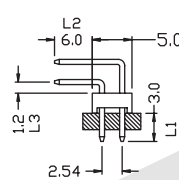
R1 TYPE



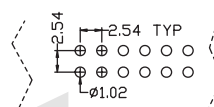
R2 TYPE



R1 TYPE



R2 TYPE



P. C. B Layout

## ORDER INFORMATION

Product No.: KLS1-207-1-XX-R 1

Pos. No. \_\_\_\_\_ Right Pin Type  
2.54mm Pin Header Series \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
1-Single layer 2-Double layer \_\_\_\_\_ Total pin number: XX=01-80Pin

## Pin Header Series

KLS1-207 PIN HEADER 2.54mm(0.100") Single layer SMT Pin Type

### Electrical Characteristics:

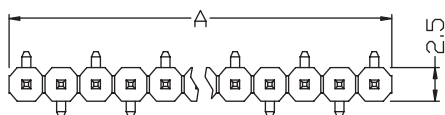
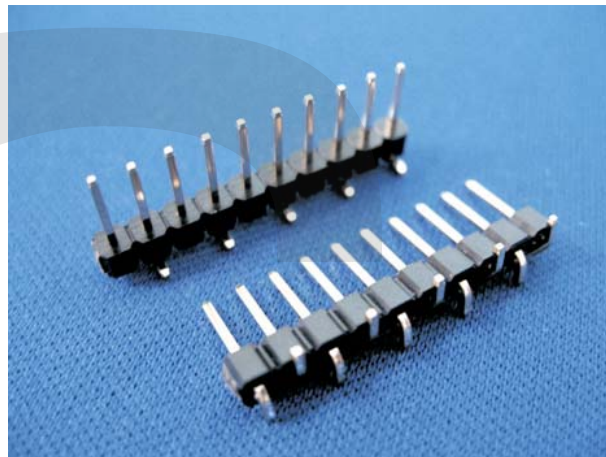
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

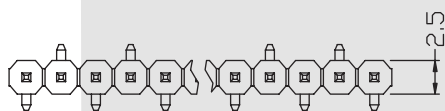
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Selective gold plated : gold plated on mating area and nickel plated on wire Cutting area  
Gold plated: 0.8u " over 50u " nickel  
Tin plated: 100u " over 50u " nickel

### Features:

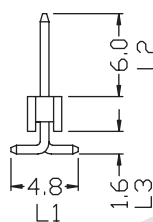
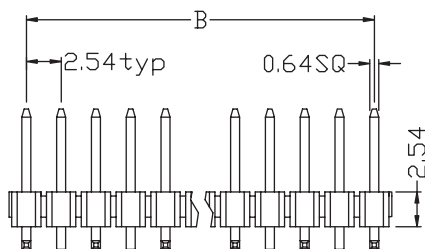
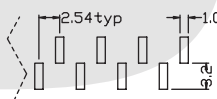
- \* Available in straight and right angle.
- \* Side-to-side and end-to-end stackable.
- \* Custom design offered.



T1 TYPE



T2 TYPE



Position	1 Thru 40
Dimension	2 Thru 80
A±0.20	2.54xN
B±0.15	2.54xN-2.54

## ORDER INFORMATION

Product No.: KLS1-207-1-XX-T 1

Pos. No. \_\_\_\_\_ SMT Pin Type  
2.54mm Pin Header Series \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT Pin  
1-Single layer 2-Double layer \_\_\_\_\_ Total pin number: XX=01-80Pin



## Pin Header Series

KLS1-207 PIN HEADER 2.54mm(0.100") Double layer SMT Pin Type

### Electrical Characteristics:

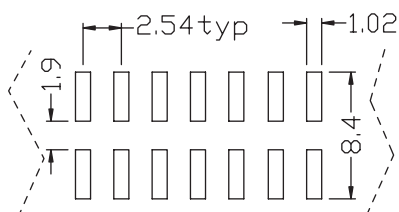
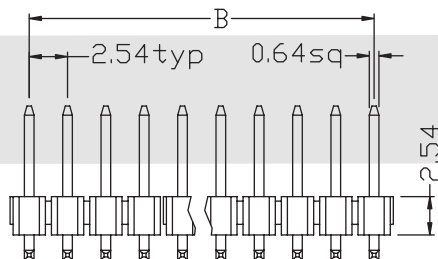
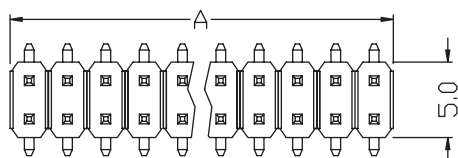
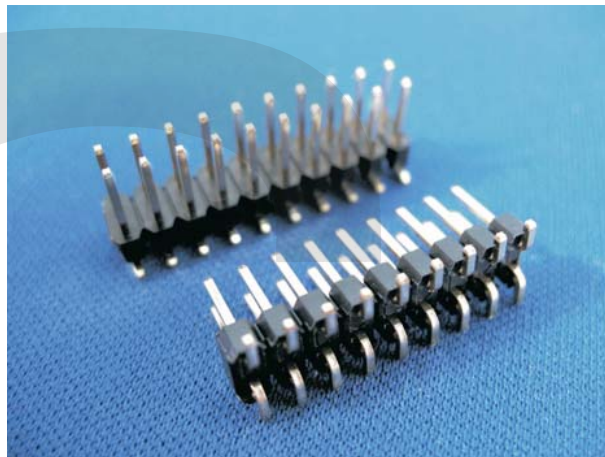
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

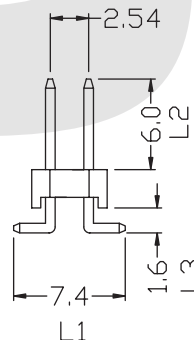
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Selective gold plated : gold plated on mating area and nickel plated on wire Cutting area  
Gold plated: 0.8u " over 50u " nickel  
Tin plated: 100u " over 50u " nickel

### Features:

- \* Available in straight and right angle.
- \* Side-to-side and end-to-end stackable.
- \* Custom design offered.



P.C.B Layout



Position	1 Thru 40
Dimension	2 Thru 80
A±0.20	2.54xN
B±0.15	2.54xN-2.54

## ORDER INFORMATION

Product No.: KLS1-207-2-XX-T

Pos. No.

2.54mm Pin Header Series

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin

Total pin number: XX=02-80Pin

1-Single layer 2-Double layer

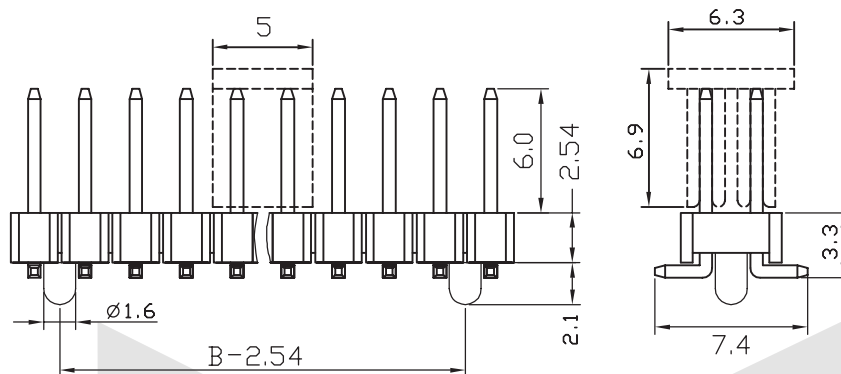
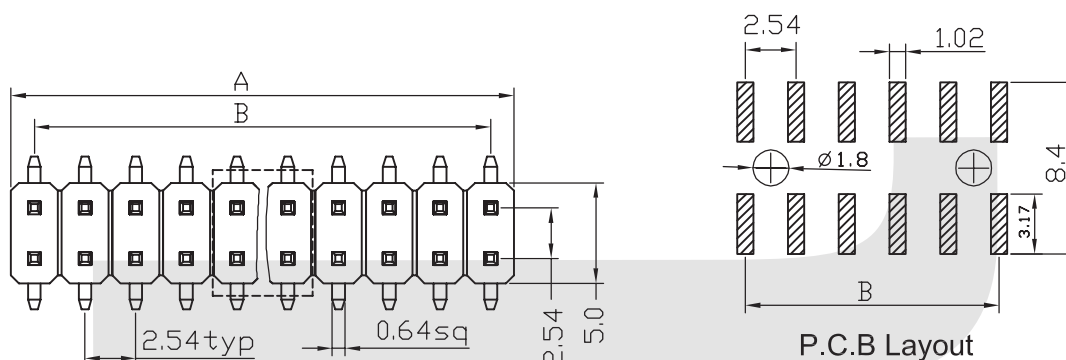
# I

### Electrical Characteristics:

A photograph showing two rows of 16-pin D-subminiature connectors. The connectors are black plastic with silver-colored metal pins. They are arranged on a blue, textured surface. The top row is angled towards the viewer, while the bottom row is more parallel to the surface.

Housing:30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating:Selective gold plated : gold plated on mating area and nickel plated on wire Cutting area  
Gold plated: 0.8u " over 50u " nickel  
Tin plated:100u " over 50u " nickel

- \* Available in straight and right angle.
- \* Side-to-side and end-to-end stackable.
- \* Custom design offered.



Position	1 Thru 40
Dimension	2 Thru 80
A±0.20	2.54xN
B±0.15	2.54xN-2.54

## ORDER INFORMATION

Product No.: KLS1-207-2-XX-T 3

Pos. No. \_\_\_\_\_

2.54mm Pin Header Series \_\_\_\_\_

SMT Pin Type \_\_\_\_\_

Tail Style: S=Straight Pin R=Right Pin T=SMT Pin \_\_\_\_\_

Total pin number: XX=02-80Pin \_\_\_\_\_

1-Single layer 2-Double layer \_\_\_\_\_

## PIN Header Series

KLS1-218 PIN HEADER 2.54mm(0.100") Dual insulators high versatility

### Electrical Characteristics:

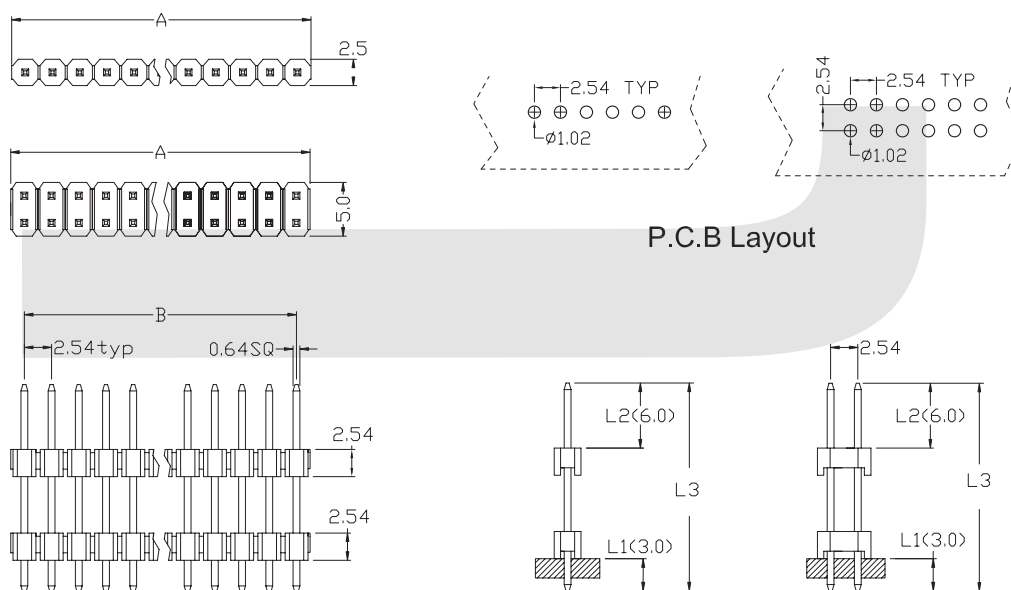
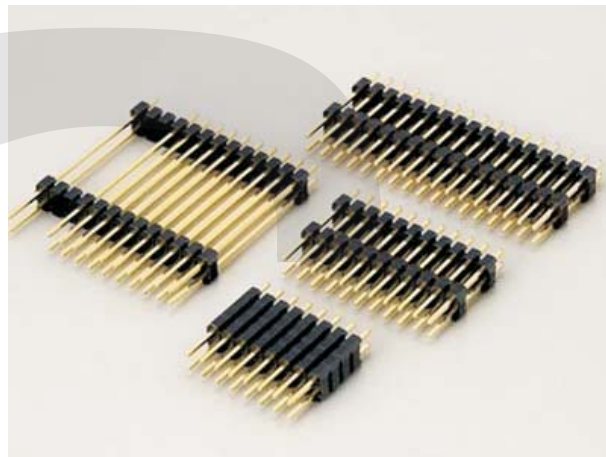
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Selective gold plated: gold plated on mating area and nickel plated on wire cutting area  
Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



Position	1 Thru 40
Dimension	2 Thru 80
A±0.20	2.54 X No.of Positions
B±0.15	2.54 X No.of Positions -2.54

## ORDER INFORMATION

Product No.: KLS1-218-1-XX-S-L1\*L2\*L3

Pos. No. \_\_\_\_\_ L1\L2\L3 Size  
Pin Header 2.54mm Dual \_\_\_\_\_ Tail Style: S=Straight Pin R=Right Pin T=SMT  
insulators high versatility Series  
1=Single layer 2=Double layer \_\_\_\_\_ Total pin number: XX=01-80Pin

## PIN Header Series

KLS1-218 PIN HEADER 2.54mm(0.100") Dual insulators high versatility

### Electrical Characteristics:

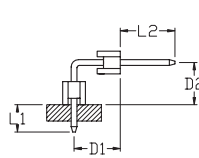
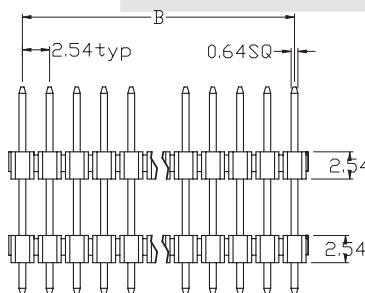
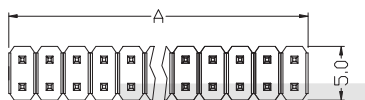
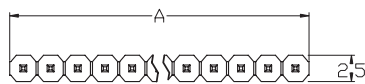
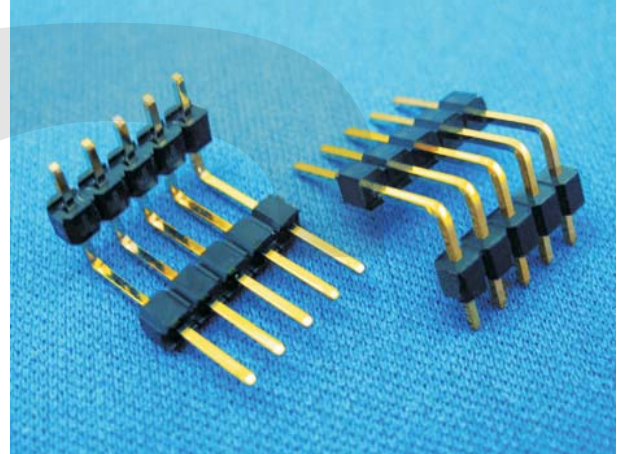
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

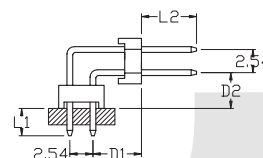
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Selective gold plated: gold plated on mating area and nickel plated on wire cutting area  
Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

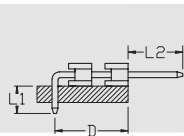
- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



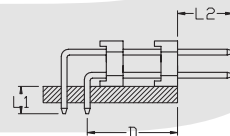
R1 TYPE



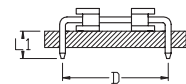
R1 TYPE



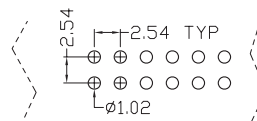
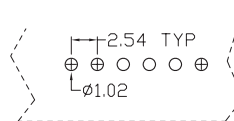
R2 TYPE



R2 TYPE



R3 TYPE



P.C.B Layout

Position	1 Thru 40
Dimension	2 Thru 80
A±0.20	2.54 X No.of Positions
B±0.15	2.54 X No.of Positions -2.54

## ORDER INFORMATION

Product No.: KLS1-218-1-XX-R 1-L1\*L2\*D

Pos. No. \_\_\_\_\_  
Pin Header 2.54mm Dual \_\_\_\_\_  
insulators high versatility Series \_\_\_\_\_  
1=Single layer 2=Double layer \_\_\_\_\_  
Total pin number: XX=01-80Pin \_\_\_\_\_  
L1\ L2\ D\ D1 Size \_\_\_\_\_  
Right Pin Type \_\_\_\_\_  
Tail Style: S=Straight Pin R=Right Pin T=SMT

## PIN Header Series

KLS1-218 PIN HEADER 2.54mm(0.100") Dual insulators high versatility

### Electrical Characteristics:

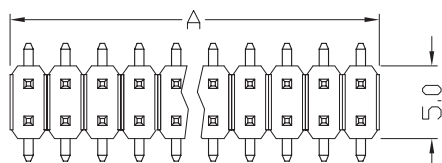
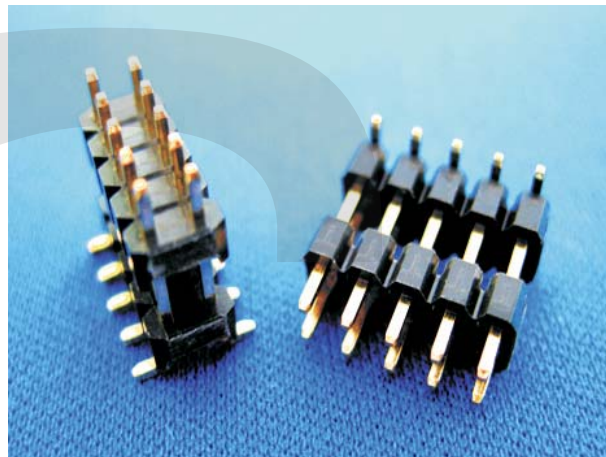
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

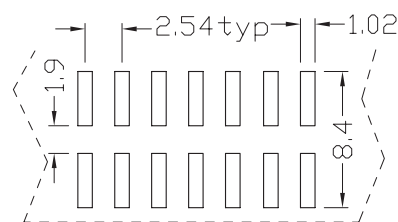
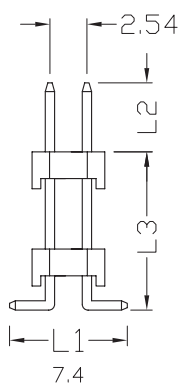
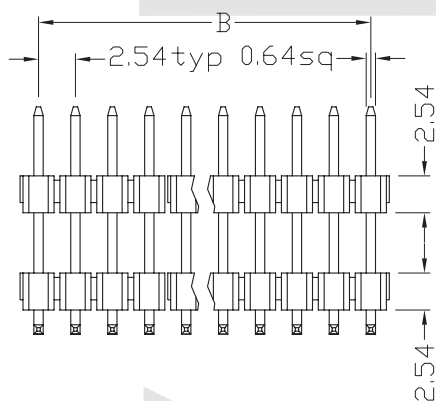
Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Selective gold plated: gold plated on mating area and nickel plated on wire cutting area  
Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



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



T Type  
P.C.B Layout

## ORDER INFORMATION

Product No.: KLS1-218-1-XX-T -L1\*L2\*L3

Pos. No. \_\_\_\_\_  
Pin Header 2.54mm Dual \_\_\_\_\_  
insulators high versatility Series \_\_\_\_\_  
1=Single layer 2=Double layer \_\_\_\_\_  
Total pin number: XX=01-80Pin \_\_\_\_\_  
L1\L2\L3 Size \_\_\_\_\_  
Tail Style: S=Straight Pin R=Right Pin T=SMT

## PIN Header Series

KLS1-218 PIN HEADER 2.54mm(0.100") Dual insulators high versatility

### Electrical Characteristics:

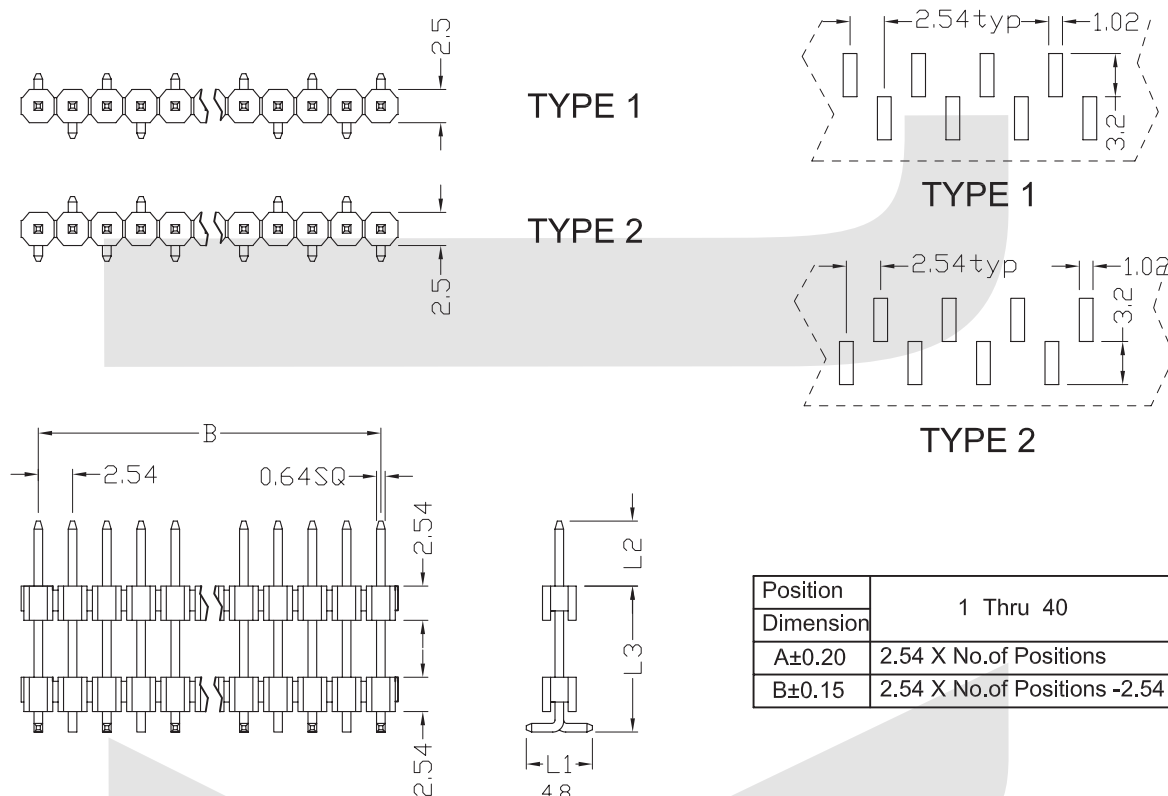
Current Rating: 1 AMP  
Insulator Resistance: 5000MΩmin. at DC 500V  
Contact Resistance: 20mΩmax. at DC 100mA  
Operating Temperature: -45°C~+105°C

### Material:

Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass  
Plating: Selective gold plated: gold plated on mating area and nickel plated on wire cutting area  
Gold plated: 0.8u" over 50u" nickel  
Tin plated: 100u" over 50u" nickel

### Features:

- \* Dual insulators offer high versatility.
- \* Side-to-side and end-to-end stackable.
- \* Custom design provides excellent products flexibility.



## ORDER INFORMATION

Product No.: KLS1-218-1-XX-T 1-L1\*L2\*L3

Pos. No. \_\_\_\_\_  
Pin Header 2.54mm Dual insulators high versatility Series  
1=Single layer 2=Double layer  
Total pin number: XX=01-80Pin  
L1\L2\L3 Size  
SMT Pin Type  
Tail Style: S=Straight Pin R=Right Pin T=SMT



## Connector > Board to Board / Pin header

### Pin Header Series

### P/N: KLS1-207A/2.54mm (0.100") pin header angled SMT

#### 1: Features:

- Pin header 2.54mm angled SMT
- Single and dual row
- No. Of Pins : 2P~80P

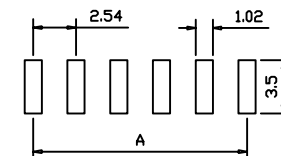
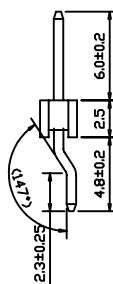
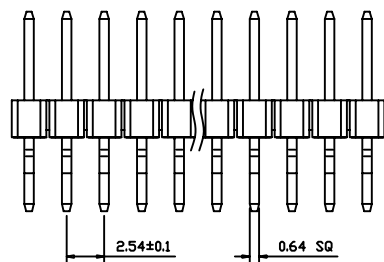
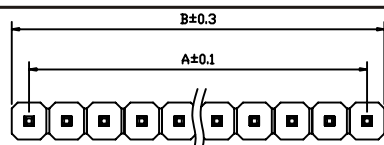
#### 2: Electrical Characteristics:

Current rating : 3A  
Operating Temperature: -45°C~+105°C  
Contact Resistance: 20M Ohm max.  
Insulator Resistance: 1000M Ohm min. at DC 500V  
Withstanding Voltage: 1000V AC

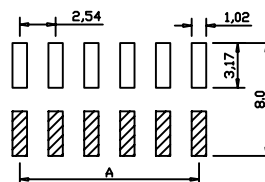
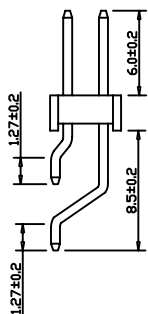
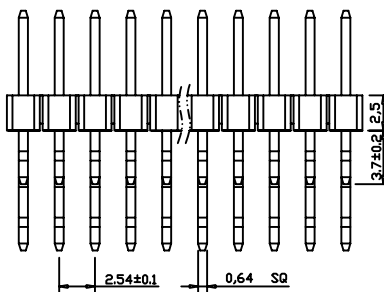
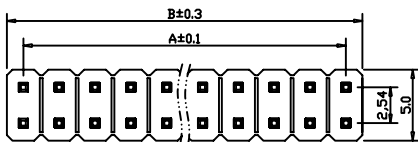
#### 3: Material

Insulator material: Polyester UL94V-0 & PBT  
Contact material : Brass  
Contact plating : Au OR Sn over 50u' Ni

#### 4: Drawing:



Recommended P.C.B Hole Layout



207A-1

207A-2

207A-1

207A-2

### ORDER INFORMATION

Product No. : KLS1-207A-1/2-XX

Series No. \_\_\_\_\_

Total pin number: XX=01-80Pin

1-Single 2-Double layer

## Connector >Board to Board/ Pin header

### Pin Header Series

### P/N: KLS1-207E/2.00mm (0.0787") pin header angled SMT

#### 1: Features:

- Pin header 2.00 (0.0787") mm angled SMT
- Single and dual row
- No. Of Pins : 2P~80P

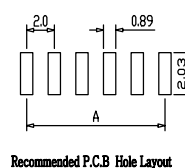
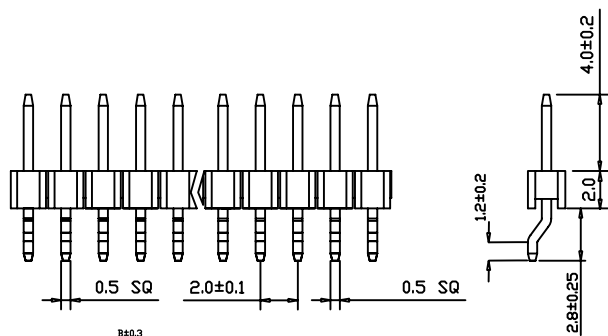
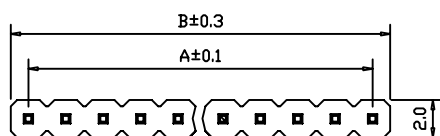
#### 2: Electrical Characteristics:

Current rating : 1A  
Operating Temperature: -45°C~+105°C  
Contact Resistance: 20M Ohm max.  
Insulator Resistance: 1000M Ohm min. at DC 500V  
Withstanding Voltage: 500V AC

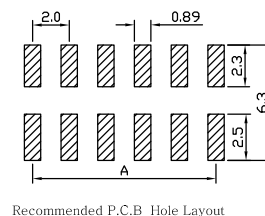
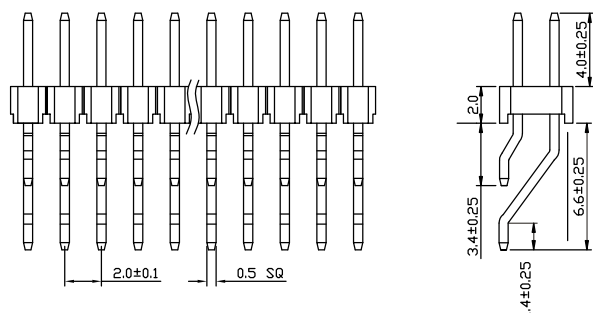
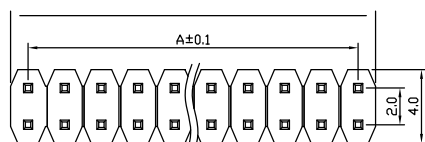
#### 3: Material

Insulator material: Polyester UL94V-0 & PBT  
Contact material : Brass  
Contact plating : Au OR Sn over 50u' Ni

#### 4: Drawing:



207E-1



207E-2

### ORDER INFORMATION

Product No. : KLS1-207E-1/2-XX

Series No.

Total pin number: XX=01-80Pin  
1-Single 2-Double layer

## Connector >Board to Board/ Pin header

### Pin Header Series

### P/N: KLS1-207F/1. 27mm (0.050") pin header angled SMT

#### 1: Features:

- Pin header 1.27 (0.050") mm angled SMT
- Single and dual row
- No. Of Pins : 2P~80P

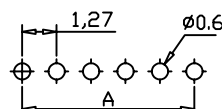
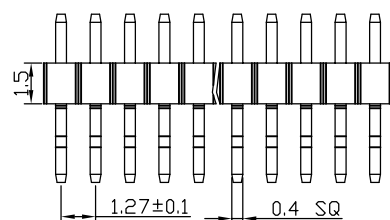
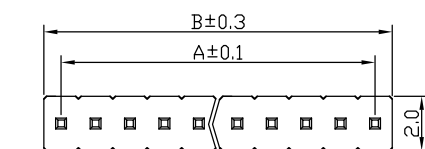
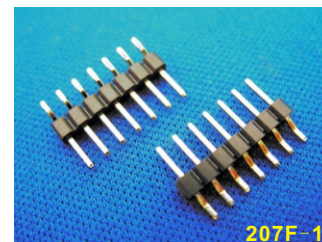
#### 2: Electrical Characteristics:

Current rating : 1A  
Operating Temperature: -45°C~+105°C  
Contact Resistance: 20M Ohm max.  
Insulator Resistance: 1000M Ohm min. at DC 500V  
Withstanding Voltage: 500V AC

#### 3: Material

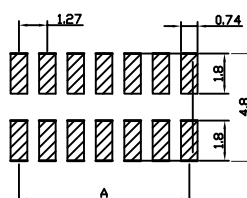
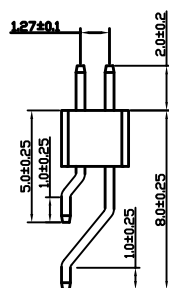
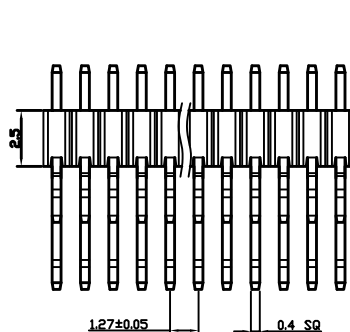
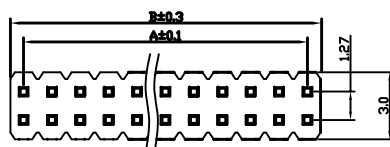
Insulator material: Polyester UL94V-0 & PBT  
Contact material : Brass  
Contact plating : Au OR Sn over 50u' Ni

#### 4: Drawing:



PCB LAYOUT

207F-1



P.C.B LAYOUT

207F-2

### ORDER INFORMATION

Product No. : KLS1-207F-1/2-XX

Series No.

Total pin number: XX=01-80Pin  
1-Single 2-Double layer