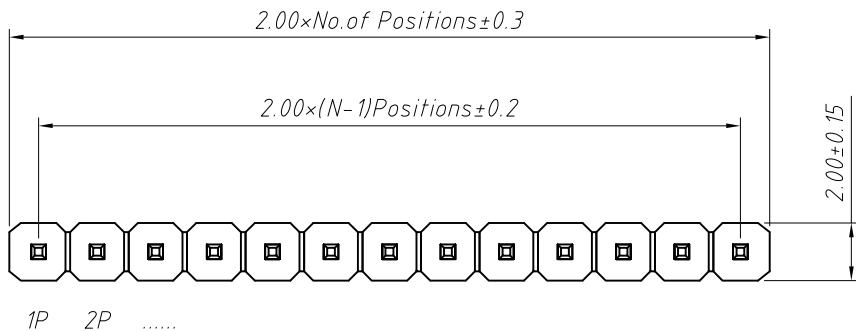
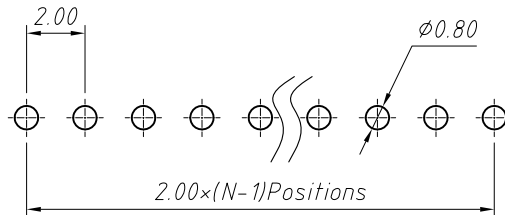




Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE ± 0.05)



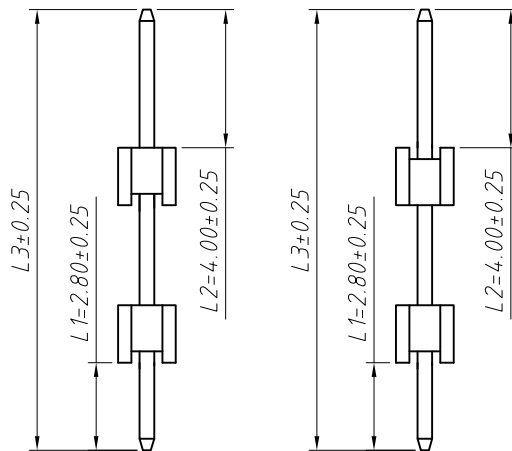
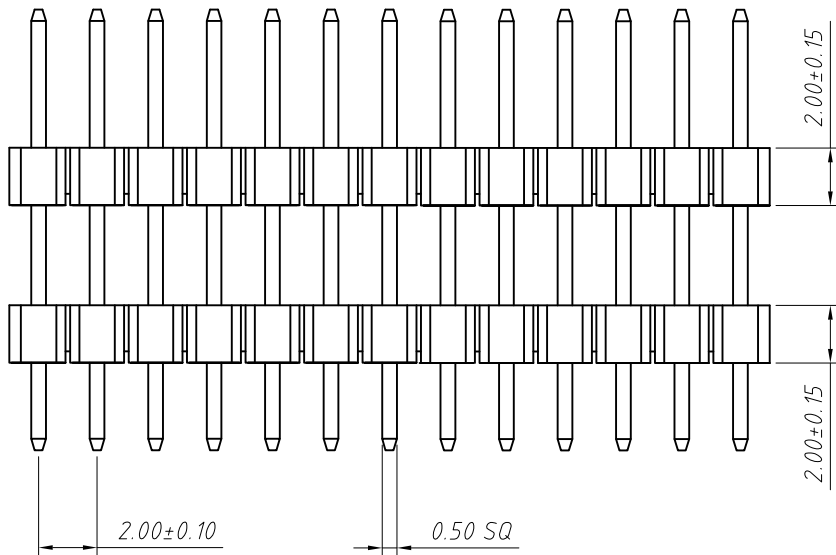
Material:
Standard:PA6T
Contact: Brass
Insulator:Polyester,UL94 V-0

Electrical Characteristics:
Rated Current: 1.5AMP
Contact Resistance: 20m Ω Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000M Ω Min

Mechanical
Operating Temperature: -40 $^{\circ}$ C ~ +105 $^{\circ}$ C
Max.Processing Temp:240 $^{\circ}$ C for 30-60 seconds
(260 $^{\circ}$ C for 10 seconds)

Order Information:
L-KLS1-218B-2.00-1-XX-S-L1 $\times$ L2 $\times$ L3-G0

L: RoHS
Pin Header Series
218B: 2.00mm
Plastics Height:
1.50, 2.00 mm
Per Row:Single layer
Pin: No. of Pins (1 $\times$ 40)
Straight Pin:S Type, S1 Type
Size: L1 $\times$ L2 $\times$ L3
Plating:
G0=Gold Flash G1=1u" Gold
G10=10u" Gold G15=15u" Gold
G30=30u" Gold



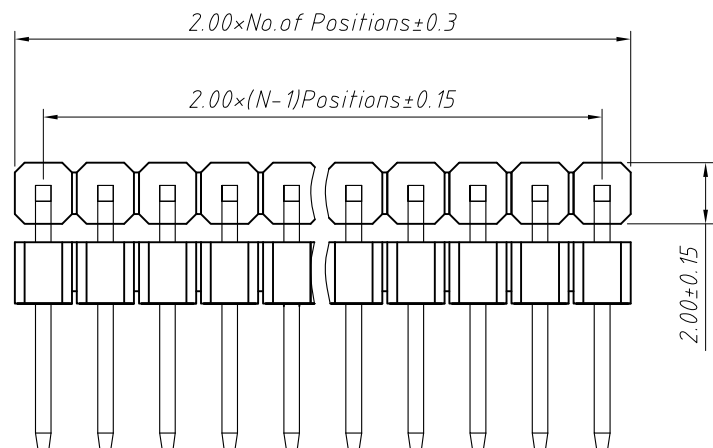
S Type

S1 Type

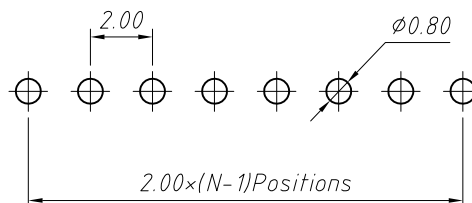
Dimension antitheses list (mm)

ITEM	L1	L2	L3	Plastic Height
Standard	2.80	4.00	---	2.00
Nonstandard	---	---	---	---

ANGLE TOLERANCE	PROJECTION		Description:		
$\pm 3^{\circ}$			2.00mm Pin Header Single layer, Straight Pin, 1xN Pin		
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-218B-2.00-1-XX-S-L1xL2xL3-G0	
x.x ± 0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.	
x.xx ± 0.20	Draw:	Daniel			2018-07-10
x.xxx ± 0.10	Check:	Daniel			2018-07-10



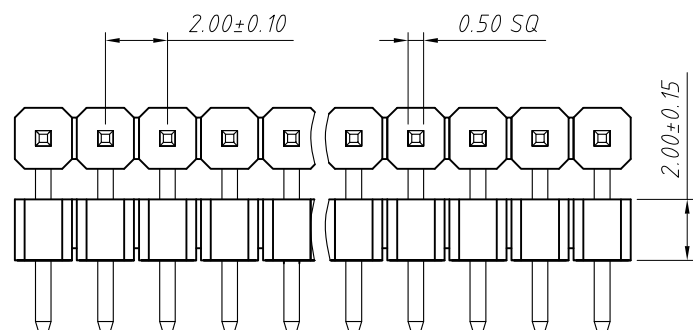
Recommended P.C.Board Layout
(PCB Tolerance±0.05(Top View))



Material:
Standard:PA6T
Contact: Brass
Insulator:Polyester,UL 94 V-0

Electrical Characteristics:
Rated Current: 1.5AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min

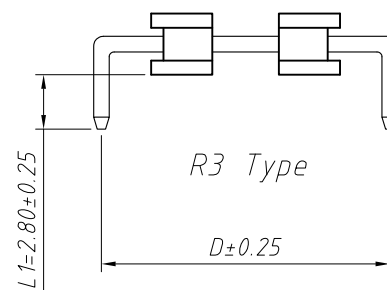
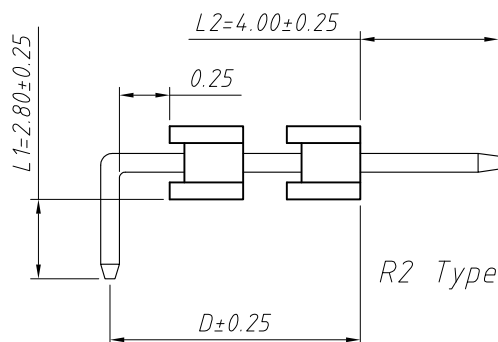
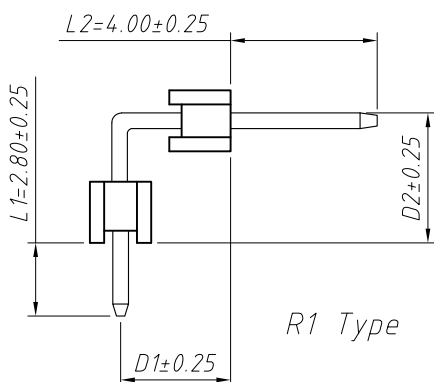
Mechanical
Operating Temperature: -40°C~+105°C
Max.Processing Temp:240°C for 30-60 seconds
(260°C for 10 seconds)



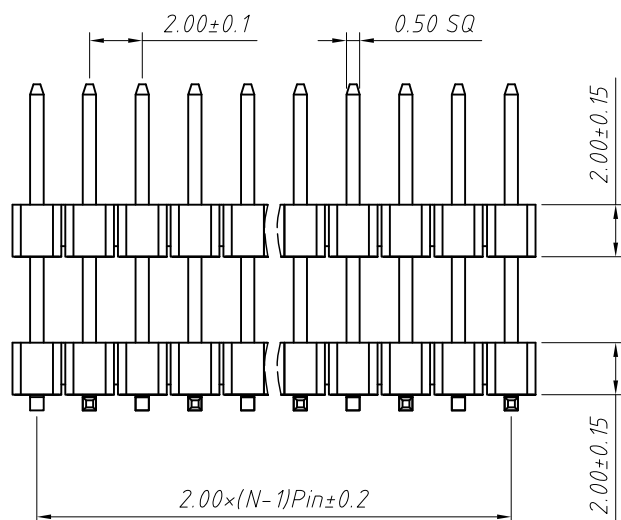
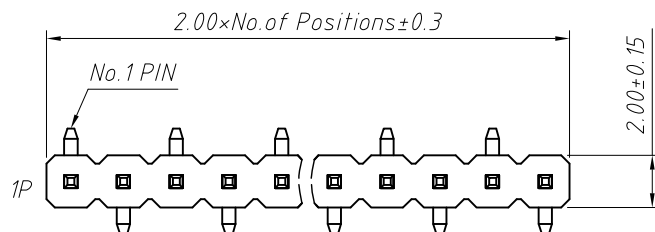
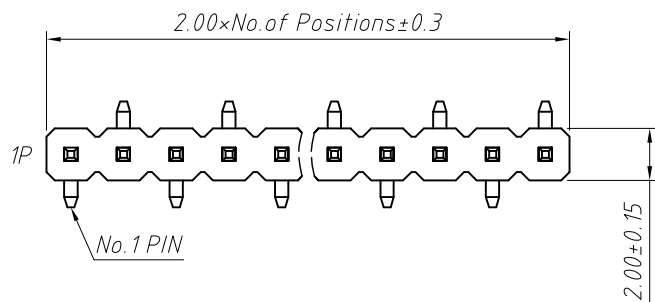
Dimension antitheses list (mm)						
ITEM	L1	L2	D	D1	D2	Plastic Height
Standard	2.80	4.00	---	---	---	2.00
Nonstandard	---	---	---	---	---	---

Order Information:
L-KLS1-218B-2.00-1-XX-R2-L1xL2xD-G0

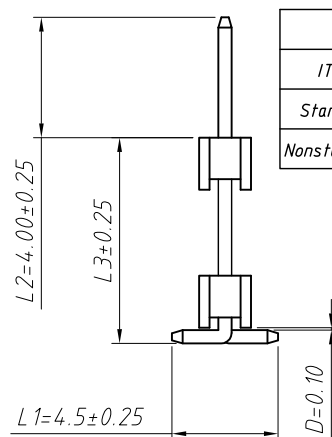
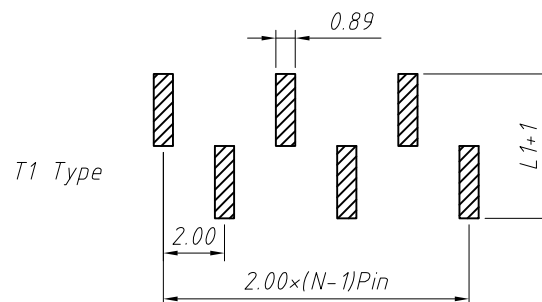
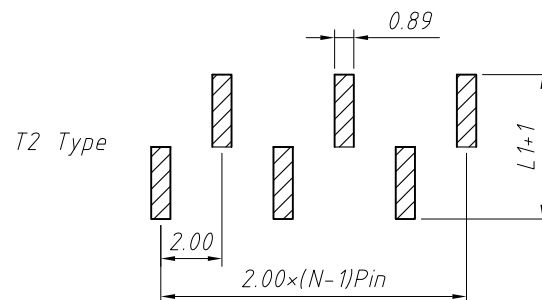
L: RoHS
Pin Header Series
218B: 2.00mm
Plastics Height:
2.00, 1.50 mm
Per Row:Single layer
Pin: No. of Pins (1x40)
Right Angle Pin:R1 Type, R2 Type
Size: L1xL2xD
Plating:
G0=Gold Flash G1=1u" Gold
G10=10u" Gold G15=15u" Gold
G30=30u" Gold



ANGLE TOLERANCE	PROJECTION	Description:			
±3°		2.00mm Pin Header Single layer, Right Angle Pin, 1xN Pin			
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-218B-2.00-1-XX-R2-L1xL2xD-G0	
x.x ±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.	
x.xx ±0.20	Draw:	Daniel	2018-07-10		
x.xxx ±0.10	Check:	Daniel	2018-07-10		



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

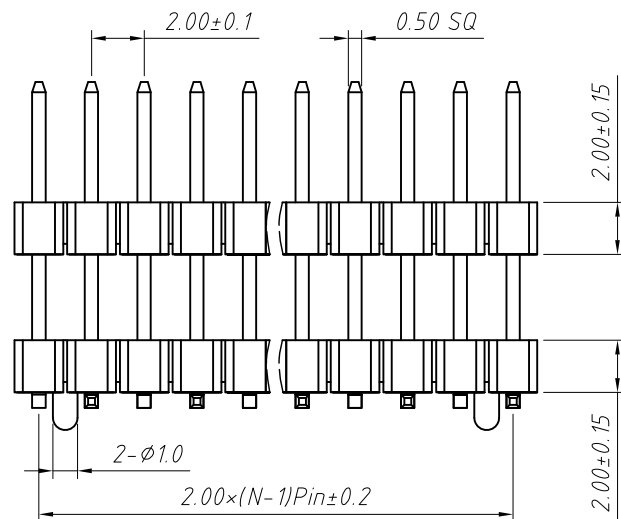
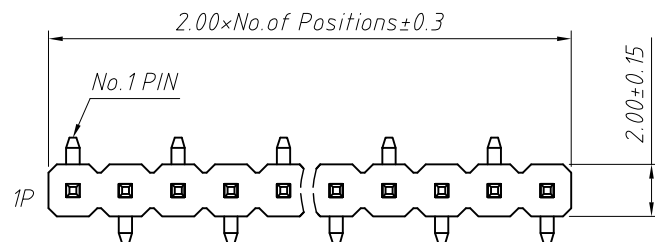
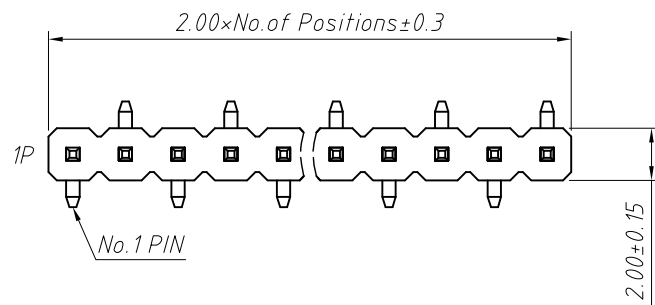


Dimension antitheses list (mm)					
ITEM	L1	L2	L3	D	Plastic Height
Standard	4.50	4.00	---	0.10	2.00
Nonstandard	---	---	---	---	---

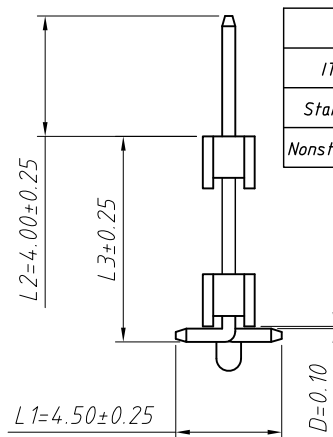
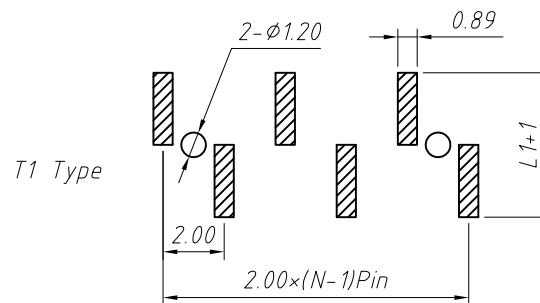
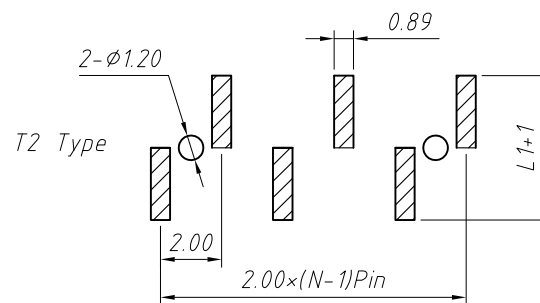
Material:
Standard:PA6T
Contact: Brass
Insulator:Polyester,UL94V-0
Electrical Characteristics:
Rated Current: 1.5AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min
Mechanical
Operating Temperature: -40℃~+105℃
Max.Processing Temp:240℃ for 30-60 seconds
(260℃ for 10 seconds)

Order Information:
L-KLS1-218B-2.00-1-XX-T1-L1xL2xL3xD-G0-N-R
L: RoHS
Pin Header Series
218B: 2.00mm
Plastics Height:
2.00, 1.50 mm
Per Row:Single layer
Pin: No. of Pins (1x40)
SMT Pin:T1 Type, T2 Type
Size:L1xL2xL3xD
Plating:
G0=Gold Flash G1=1u" Gold G10=10u" Gold
G15=15u" Gold G30=30u" Gold
Post:W=With Post N=W/O Post
Packing:
0=PE Bag A=Tray T=Tube
P=Tube+Cap R=Reel+Cap

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				2.00mm Pin Header	
				Single layer,SMT Mounting type,1xN Pin	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-218B-2.00-1-XX-T1-L1xL2xL3xD-G0-N-R	
x.x ±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.	
x.xx ±0.20	Draw:	Daniel	2018-07-10		
x.xxx ±0.10	Check:	Daniel	2018-07-10		



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



Dimension antitheses list (mm)					
ITEM	L1	L2	L3	D	Plastic Height
Standard	4.50	4.00	---	0.10	2.00
Nonstandard	---	---	---	---	---

Material:

Standard:PA6T

Contact: Brass

Insulator:Polyester,UL 94 V-0

Electrical Characteristics:

Rated Current: 1.5AMP

Contact Resistance: 20m Ω Max

Withstand Voltage: 500V AC/DC

Insulator Resistance: 1000M Ω Min

Mechanical

Operating Temperature: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Max.Processing Temp:240 $^{\circ}\text{C}$ for 30-60 seconds
(260 $^{\circ}\text{C}$ for 10 seconds)

Order Information:

L-KLS1-218B-2.00-1-XX-T1-L1xL2xL3xD-G0-W-R

L: RoHS

Pin Header Series

218B: 2.00mm

Plastics Height:

2.00, 150 mm

Per Row:Single layer

Pin: No. of Pins (1x40)

SMT Pin:T1 Type, T2 Type

Size:L1xL2xL3xD

Plating:

G0=Gold Flash G1=1u" Gold G10=10u" Gold

G15=15u" Gold G30=30u" Gold

Post:W=With Post N=W/O Post

Packing:

0=PE Bag

A=Tray

T=Tube

P=Tube+Cap

R=Reel+Cap

ANGLE TOLERANCE	PROJECTION	Description:		
$\pm 3^{\circ}$		2.00mm Pin Header		
GENERAL TOLERANCE		UNITS	mm	NingBo KLS ELECTRONIC CO.,L TD.
x.x	± 0.30	SHEET SIZE	A4	
x.xx	± 0.20	Draw:	Daniel	
x.xxx	± 0.10	Check:	Daniel	

Single layer,SMT Mounting type,1xN Pin

L-KLS1-218B-2.00-1-XX-T1-L1xL2xL3xD-G0-W-R



NingBo KLS ELECTRONIC CO.,L TD.

1
RoHS Compliance

2

3

4

5

6

7

8

A

A

B

B

C

C

D

D

E

E

F

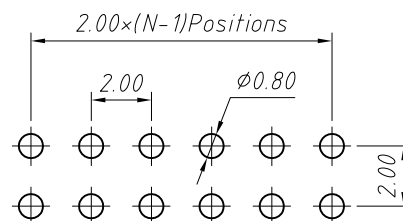
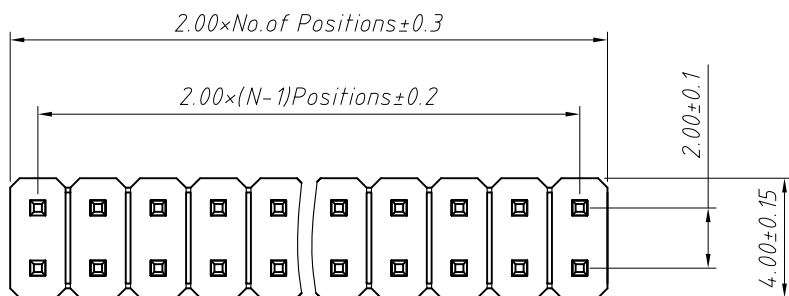
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G

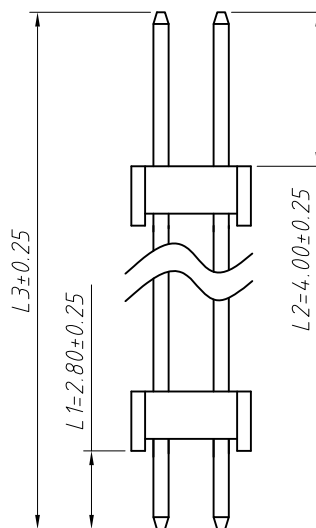
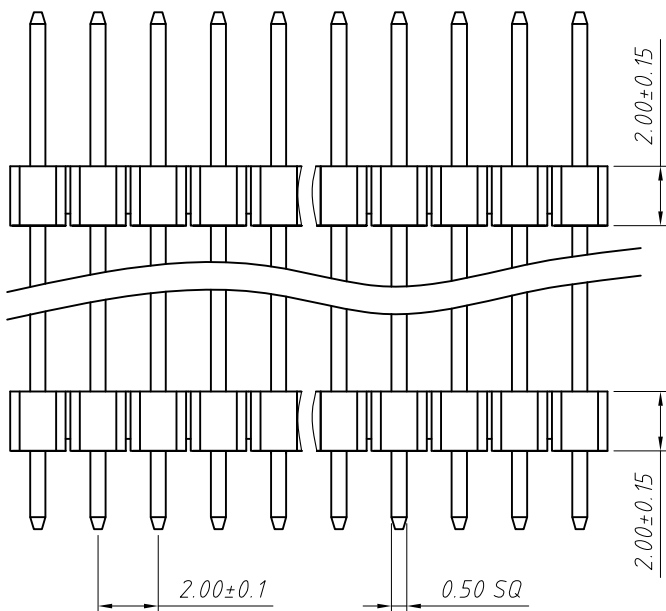
G

H

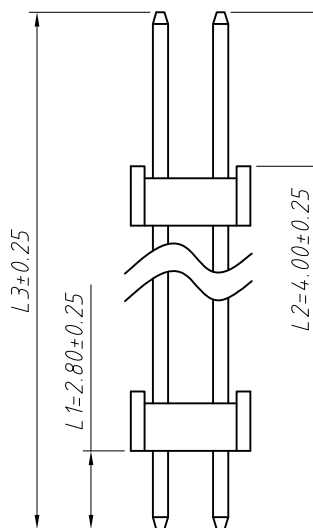
H



RECOMMEND P.C.BOARD LAYOUT
PCB TOLERANCE: ±0.05 (TOP VIEW)



S Type



S1 Type

Dimension antitheses list (mm)

ITEM	L1	L2	L3	Plastic Height
Standard	2.80	4.00	---	2.00
Nonstandard	---	---	---	---

Material:
Standard: PA6T
Contact: Brass
Insulator: Polyester, UL 94 V-0

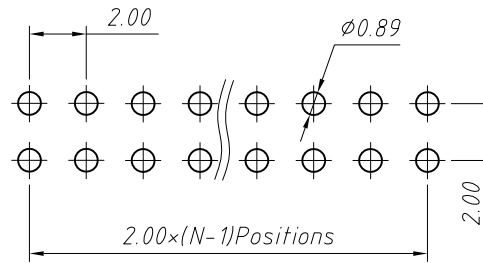
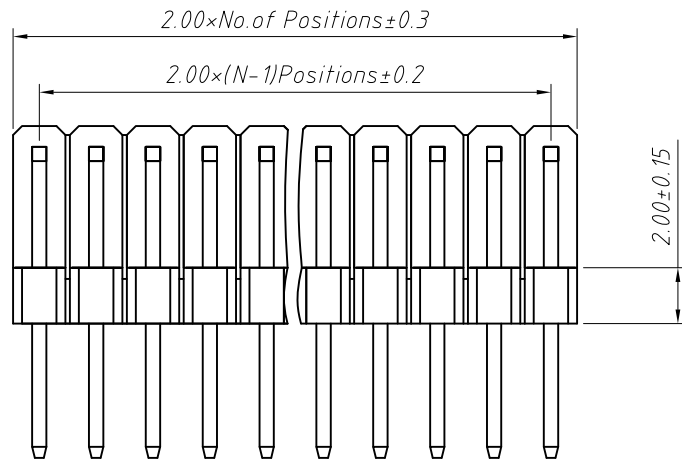
Electrical Characteristics:
Rated Current: 1.5AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C ~ +105°C
Max. Processing Temp: 240°C for 30-60 seconds
(260°C for 10 seconds)

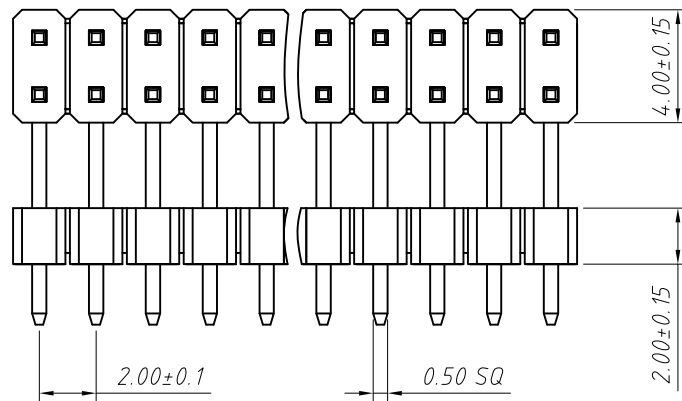
Order Information:
L-KLS1-218B-2.00-2-XX-S-L1xL2xL3-G0

L: RoHS
Pin Header Series
218B: 2.00mm
Plastics Height:
2.00, 1.50 mm
Per Row: Double layer
Pin: No. of Pins (2x40)
Straight Pin: S Type, S1 Type
Size: L1xL2xL3
Plating:
G0=Gold Flash G1=1u" Gold
G10=10u" Gold G15=15u" Gold
G30=30u" Gold

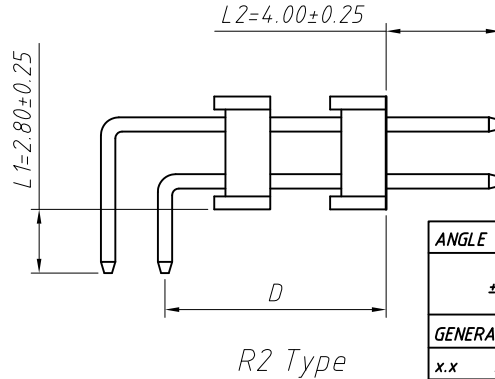
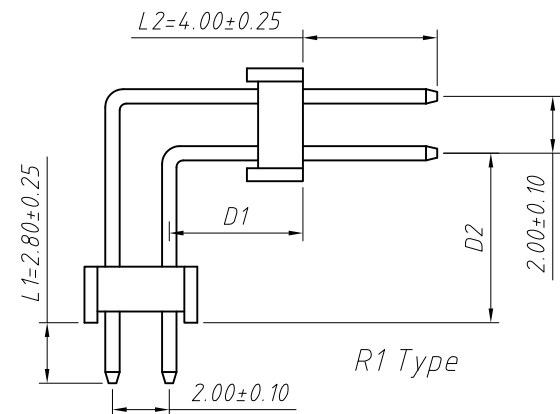
ANGLE TOLERANCE		PROJECTION		Description:	
±3°				2.00mm Pin Header	
				Double layer, Straight Pin, 2xN Pin	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
x.x ±0.30		SHEET SIZE		L-KLS1-218B-2.00-2-XX-S-L1xL2xL3-G0	
x.xx ±0.20		Draw:	Daniel	2018-07-10	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.10		Check:	Daniel	2018-07-10	



RECOMMEND P.C.BOARD LAYOUT
PCB TOLERANCE:±0.05 (TOP VIEW)



Dimension antitheses list (mm)						
ITEM	L1	L2	D	D1	D2	Plastic Height
Standard	2.80	4.00	---	---	---	2.00
Nonstandard	---	---	---	---	---	---



Material:
Standard:PA6T
Contact: Brass
Insulator:Polyester,UL 94 V-0

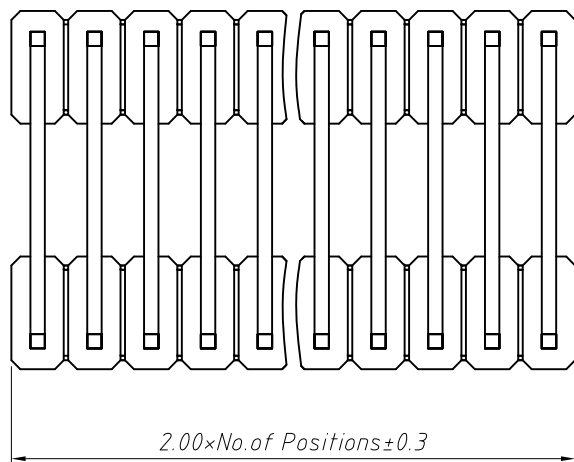
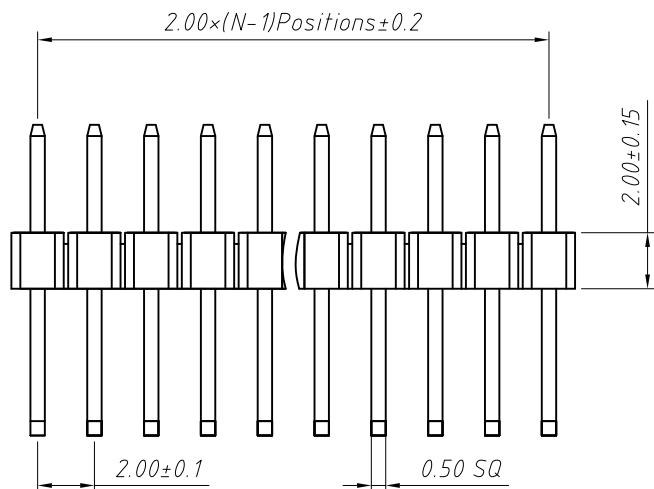
Electrical Characteristics:
Rated Current: 1.5AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C~+105°C
Max.Processing Temp:240°C for 30-60 seconds
(260°C for 10 seconds)

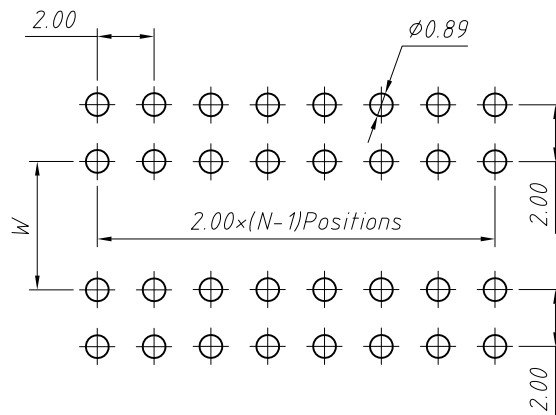
Order Information:
L-KLS1-218B-2.00-2-XX-R2-L1xL2xD-G0

L: RoHS
Pin Header Series
218B:2.00mm
Plastics Height:
2.00、1.50 mm
Per Row:Double layer
Pin: No. of Pins (2x40)
Right Angle Pin:R1 Type、R2 Type
Size: L1xL2xD
Plating:
G0=Gold Flash G1=1u" Gold
G10=10u" Gold G15=15u" Gold
G30=30u" Gold

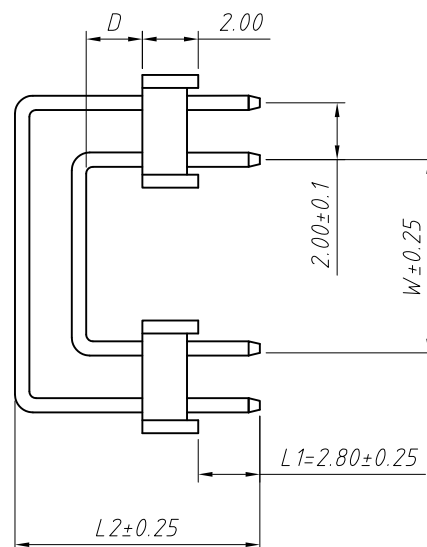
ANGLE TOLERANCE		PROJECTION		Description:		
±3°				2.00mm Pin Header Double layer,Right Angle Pin,2xN Pin		
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-218B-2.00-2-XX-R2-L 1xL2xD-G0	
x.x	±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.	
x.xx	±0.20	Draw:	Daniel			2018-07-10
x.xxx	±0.10	Check:	Daniel			2018-07-10



Dimension antitheses list (mm)					
ITEM	L1	L2	D	W	Plastic Height
Standard	2.80	---	---	---	2.00
Nonstandard	---	---	---	---	---



RECOMMEND P.C.BOARD LAYOUT
PCB TOLERANCE:±0.05 (TOP VIEW)



Material:
Standard:PA6T
Contact: Brass
Insulator:Polyester,UL 94 V-0

Electrical Characteristics:

Rated Current: 1.5AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min

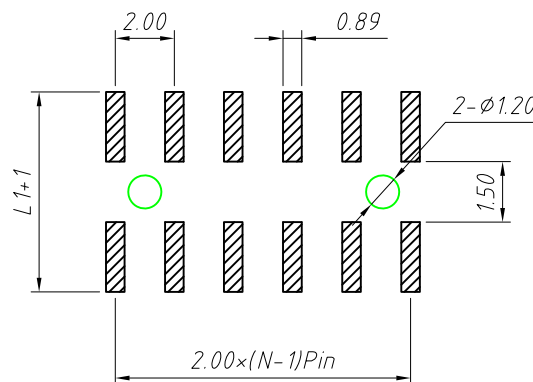
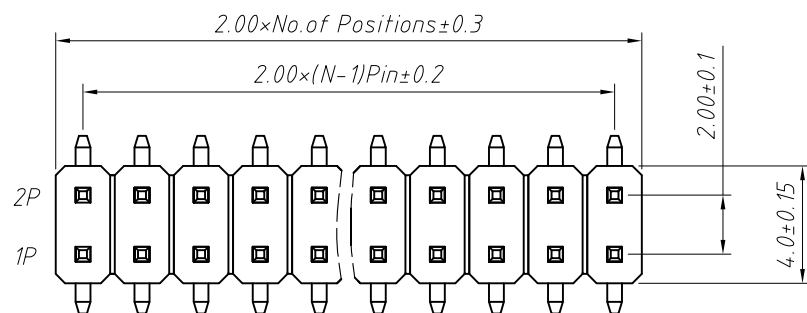
Mechanical
Operating Temperature: -40°C~+105°C
Max.Processing Temp:240°C for 30-60 seconds
(260°C for 10 seconds)

Order Information:

L-KLS1-218B-2.00-2-XX-R3-L1xL2xDxW-G0

L: RoHS
Pin Header Series-
218B:2.00mm
Plastics Height:
2.00, 1.50 mm
Per Row:Double layer
Pin: No. of Pins (2x40)
Type:Right Angle Pin
Size: L1xL2xDxW
Plating:
G0=Gold Flash G1=1u" Gold
G10=10u" Gold G15=15u" Gold
G30=30u" Gold

ANGLE TOLERANCE	PROJECTION	Description: 2.00mm Pin Header			
±3°		Double layer,Right Angle Pin,2xN Pin			
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-218B-2.00-2-XX-R3-L1xL2xDxW-G0	
x.x ±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,LTD.	
x.xx ±0.20	Draw:	Daniel	2018-07-10		
x.xxx ±0.10	Check:	Daniel	2018-07-10		



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

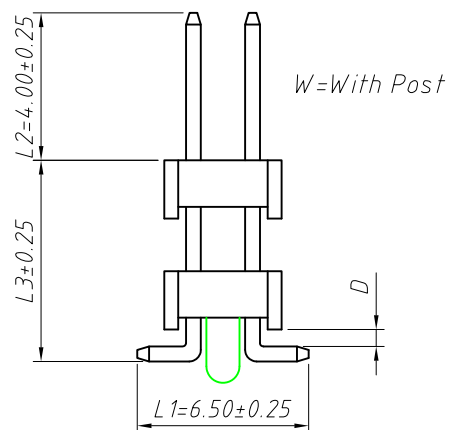
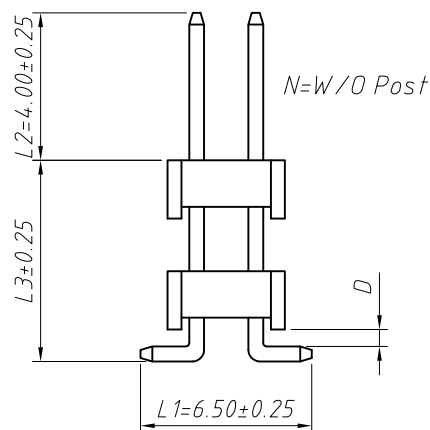
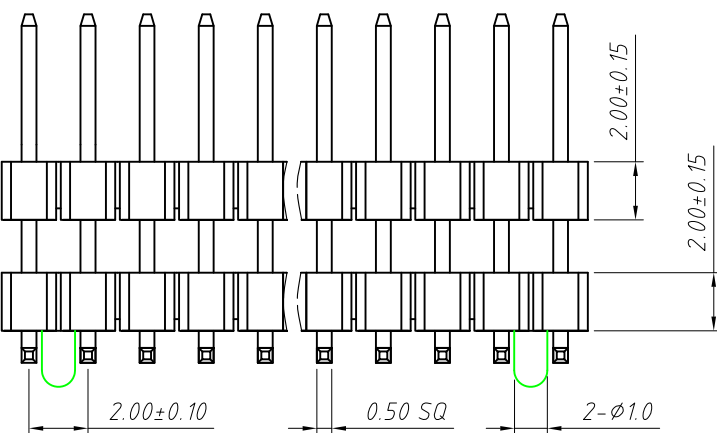
Dimension antitheses list (mm)					
ITEM	L1	L2	L3	D	Plastic Height
Standard	6.50	4.00	---	0.10	2.00
Nonstandard	---	---	---	---	---

Material:
Standard: PA6T
Contact: Brass
Insulator: Polyester, UL 94 V-0
Electrical Characteristics:
Rated Current: 1.5AMP
Contact Resistance: 20m Ω Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000M Ω Min
Mechanical
Operating Temperature: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
Max. Processing Temp: 240°C for 30-60 seconds
(260°C for 10 seconds)

Order Information:

L-KLS1-218B-2.00-2-XX-T-L1xL2xL3xD-G0-W-R

L: RoHS
Pin Header Series
218B: 2.00mm
Plastics Height:
2.00, 1.50 mm
Per Row: Double layer
Pin: No. of Pins (2x40)
Type: SMT Mounting type
Size: L1xL2xL3xD
Plating:
G0=Gold Flash G1=1u" Gold G10=10u" Gold
G15=15u" Gold G30=30u" Gold
Post: W=With Post N=W/O Post
Packing:
0=PE Bag A=Tray T=Tube
P=Tube+Cap R=Reel+Cap



ANGLE TOLERANCE		PROJECTION		Description:	
$\pm 3^{\circ}$				2.00mm Pin Header	
GENERAL TOLERANCE		UNITS		Double layer, SMT Mounting type, 2xN Pin	
x.x	± 0.30	SHEET SIZE	A4	KLS P/N:	L-KLS1-218B-2.00-2-XX-T-L1xL2xL3xD-G0-W-R
x.xx	± 0.20	Draw:	Daniel		NingBo KLS ELECTRONIC CO., LTD.
x.xxx	± 0.10	Check:	Daniel		