

1
RoHS Compliance

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A

B

C

D

E

F

G

H

A

B

C

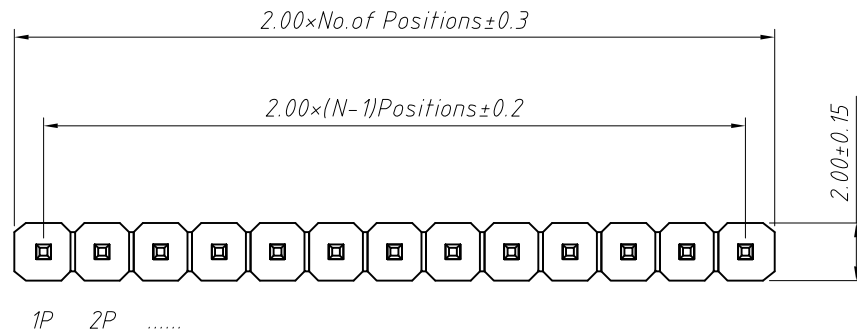
D

E

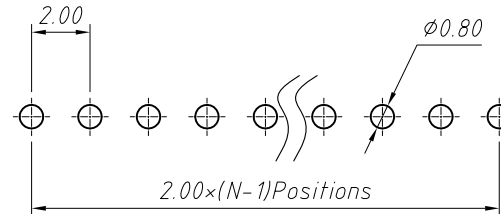
F

G

H



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



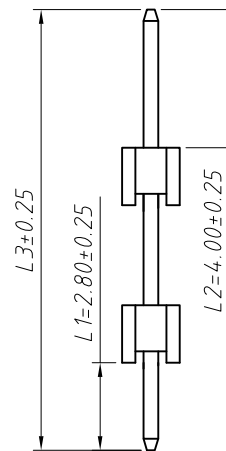
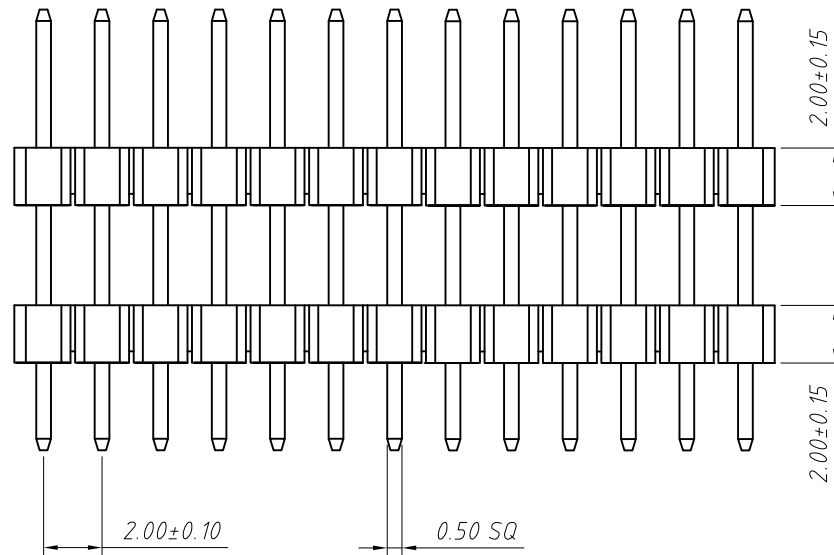
Material:
Standard: PA6T
Contact: Brass
Insulator: Polyester, UL94V-0

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

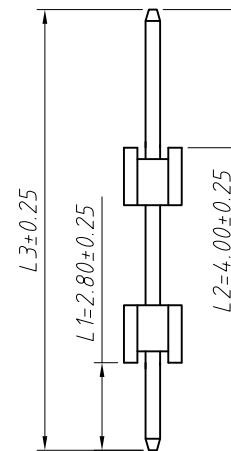
Mechanical
Operating Temperature: -40°C ~ +105°C
Max. Processing Temp: 240°C for 30-60 seconds
(260°C for 10 seconds)

Order Information:
L-KLS1-218B-2.00-1-XX-S-L1xL2xL3-G0

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



S Type

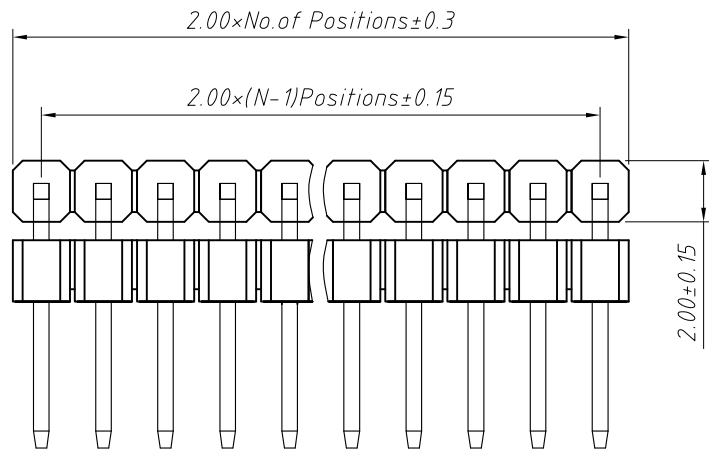


S1 Type

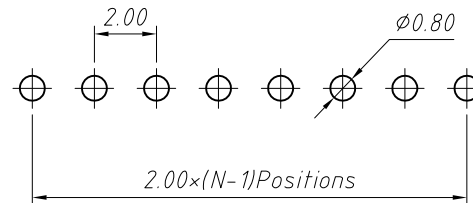
Dimension antitheses list (mm)

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

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



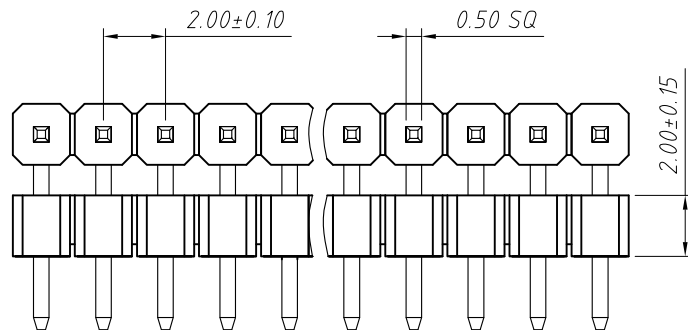
Recommended P.C.Board Layout
(PCB Tolerance±0.05(Top View))



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

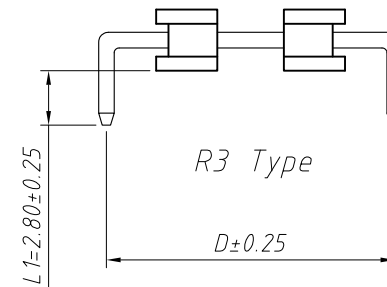
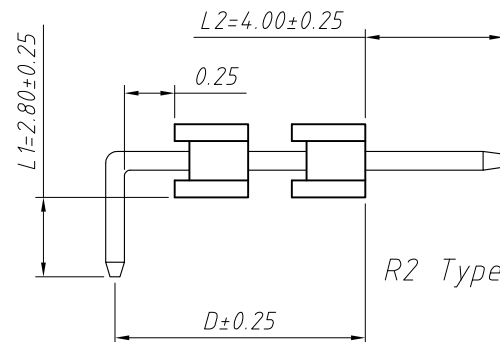
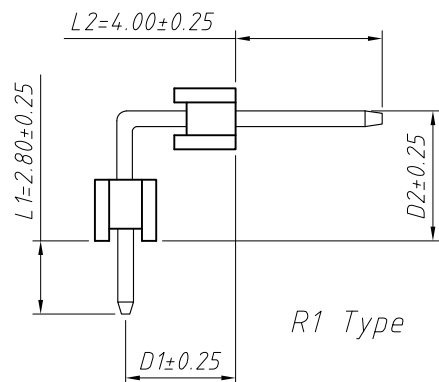
Mechanical
Operating Temperature: -40°C~+105°C
Max.Processing Temp:240°C for 30-60 seconds
(260°C for 10 seconds)



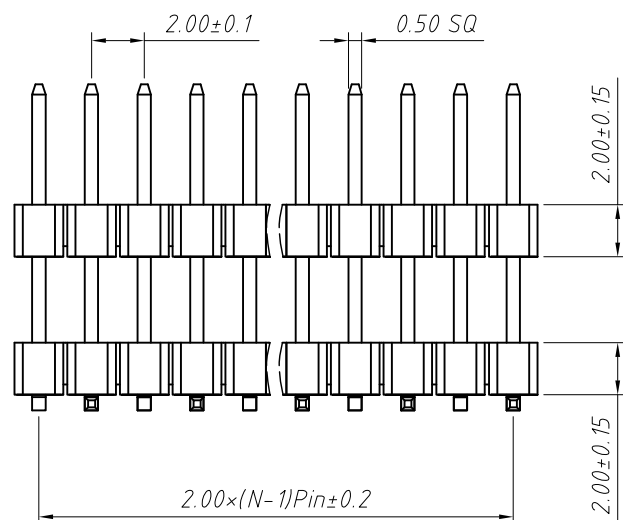
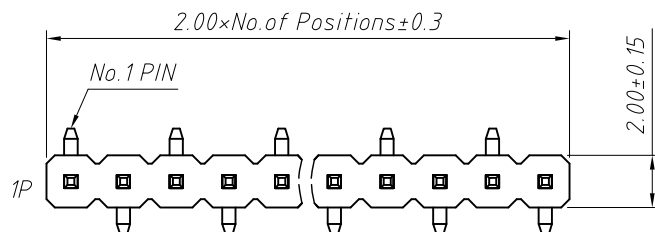
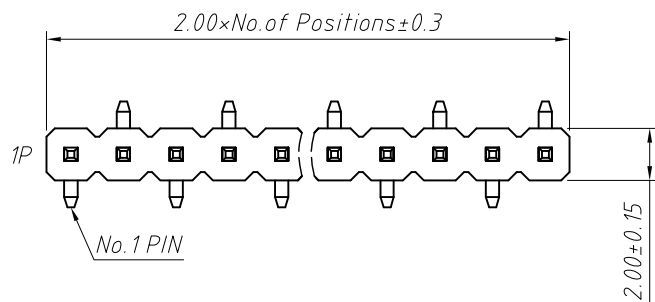
Dimension antitheses list (mm)						
ITEM	L1	L2	D	D1	D2	Plastic Height
Standard	2.80	4.00	---	---	---	2.00
Nonstandard	---	---	---	---	---	---

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

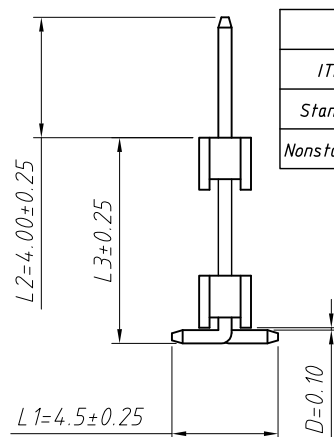
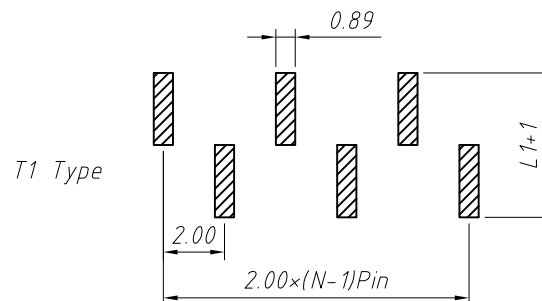
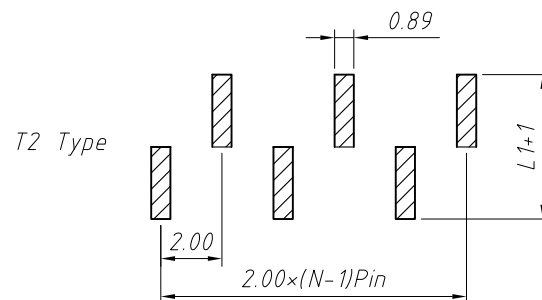
L: RoHS
Pin Header Series
218B: 2.00mm
Plastics Height:
2.00、1.50 mm
Per Row:Single layer
Pin: No. of Pins (1x40)
Right Angle Pin:R1 Type、R2 Type
Size: L1xL2xD
Plating:
G0=Gold Flash G1=1u" Gold
G10=10u" Gold G15=15u" Gold
G30=30u" Gold



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)

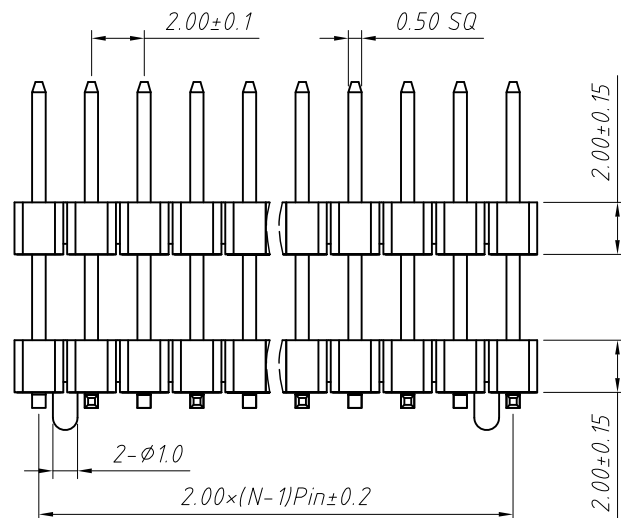
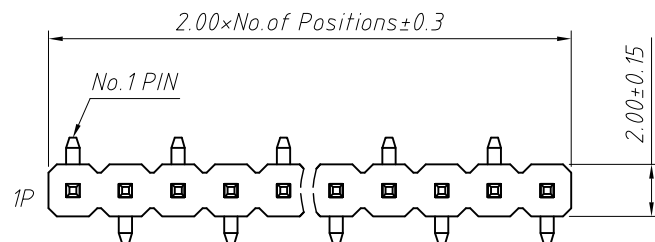
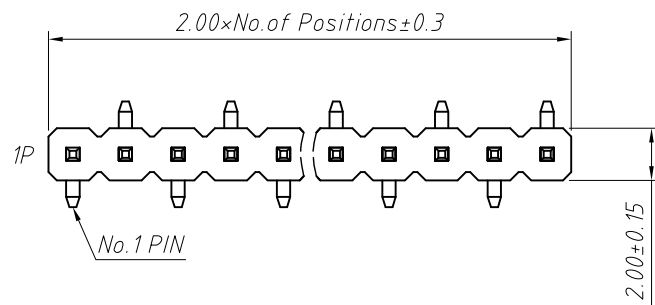


Dimension antitheses list (mm)					
ITEM	L1	L2	L3	D	Plastic Height
Standard	4.50	4.00	---	0.10	2.00
Nonstandard	---	---	---	---	---

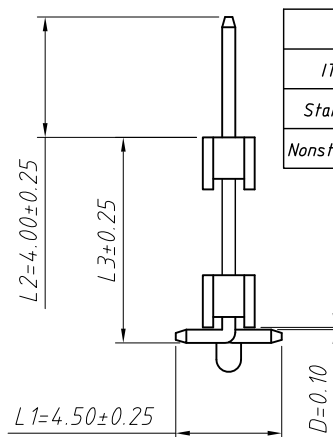
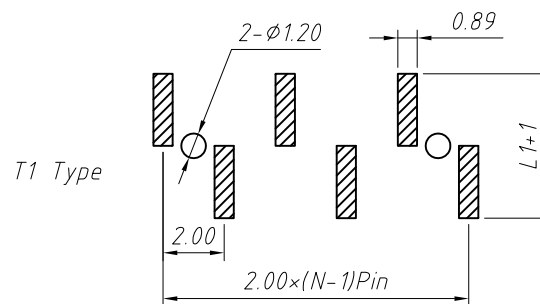
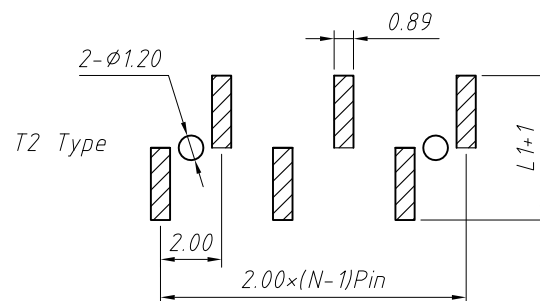
Material:
Standard:PA6T
Contact: Brass
Insulator:Polyester,UL94V-0
Electrical Characteristics:
Rated Current: 1.5AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min
Mechanical
Operating Temperature: -40°C~+105°C
Max.Processing Temp:240°C for 30-60 seconds
(260°C 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	
GENERAL TOLERANCE		UNITS		Single layer,SMT Mounting type,1xN Pin	
x.x	±0.30	SHEET SIZE	A4	L-KLS1-218B-2.00-1-XX-T1-L1xL2xL3xD-G0-N-R	
x.xx	±0.20	Draw:	Daniel	NingBo KLS ELECTRONIC CO.,L TD.	
x.xxx	±0.10	Check:	Daniel		



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: 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-2.00-1-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

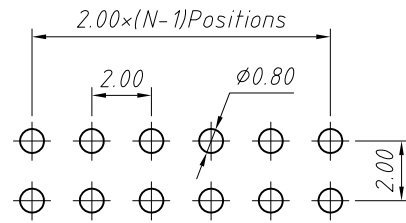
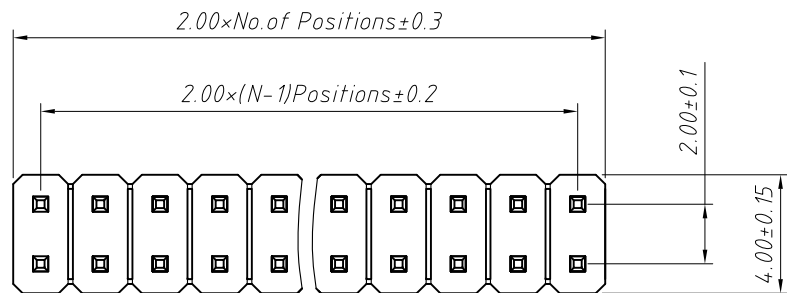
T=Tube

P=Tube+Cap

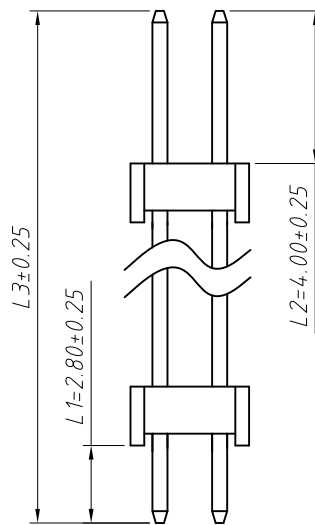
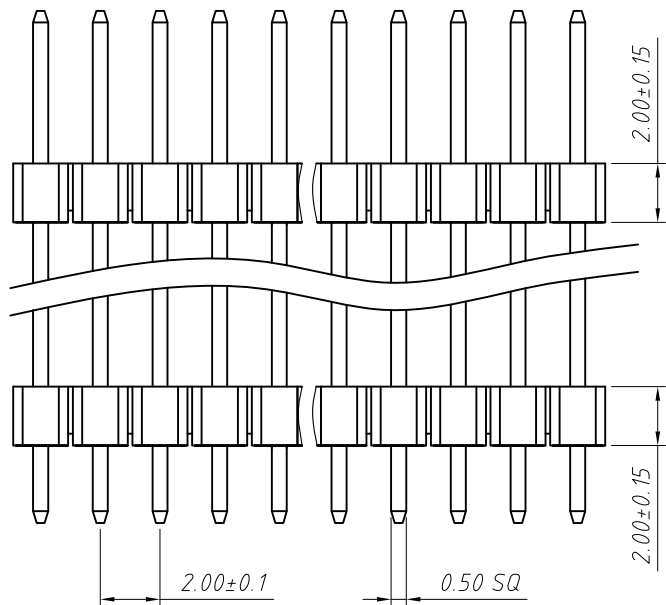
R=Reel+Cap

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

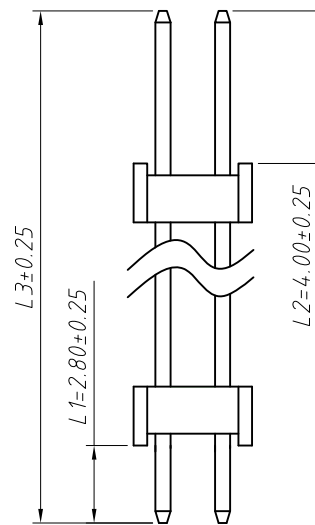
RoHS Compliance



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 94V-0

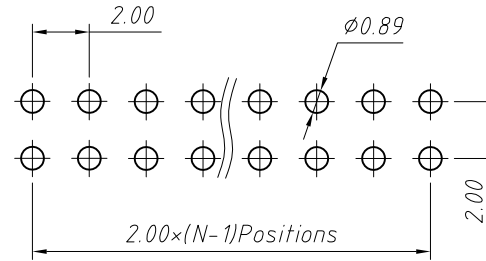
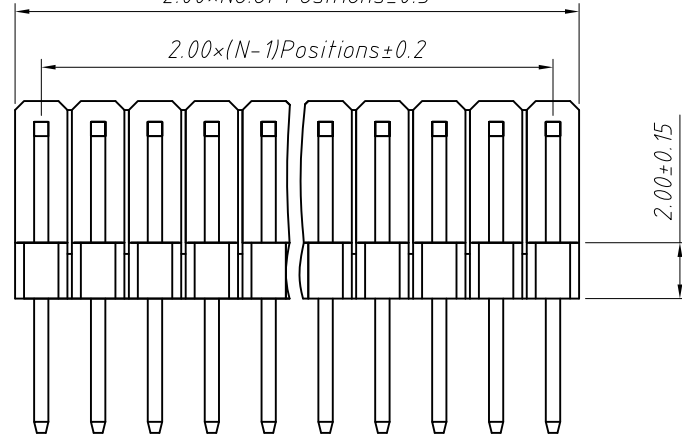
Electrical Characteristics:
Rated Current: 1.5AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min

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

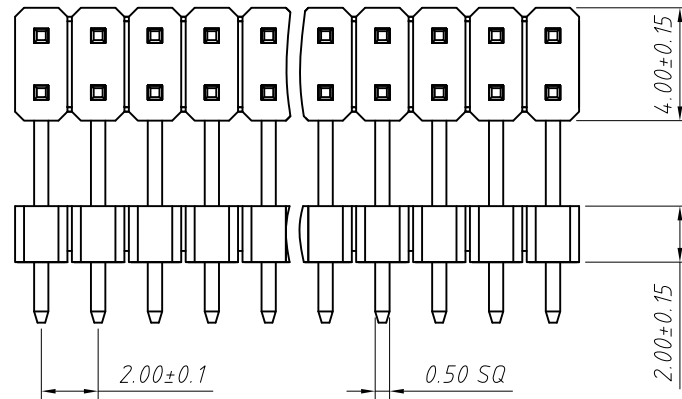
Order Information:
L-KLS1-218B-2.00-2-XX-S-L1xL2xL3-G0

L: RoHS
Pin Header Series
218B: 2.00mm
Plastics Height:
2.00, 1.50 mm
Per Row: Double layer
Pin: No. of Pins (02~80)
Straight Pin: S Type, S1 Type
Size: L1xL2xL3
Plating:
G0=Gold Flash G1=1u" Gold
G10=10u" Gold G15=15u" Gold
G30=30u" Gold

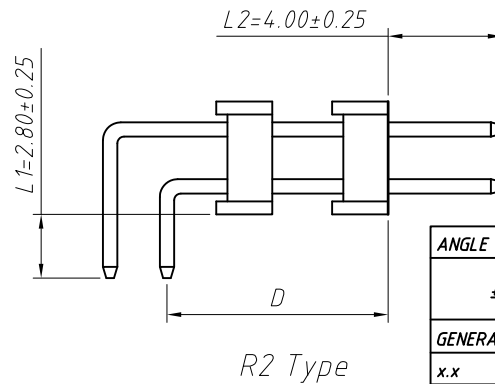
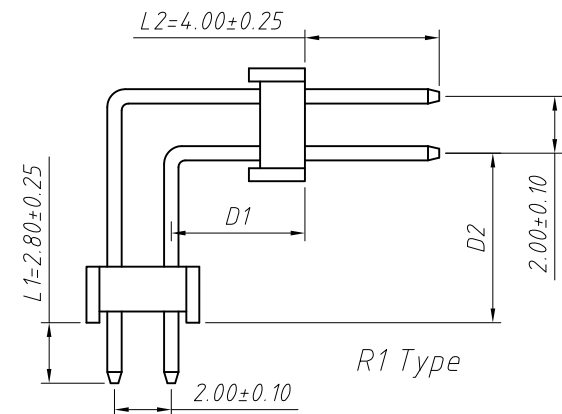
ANGLE TOLERANCE	PROJECTION		Description:	2.00mm Pin Header		
±3°			Double layer, Straight Pin, 2xN Pin			
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-218B-2.00-2-XX-S-L1xL2xL3-G0		
x.x ±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.		
x.xx ±0.20	Draw:	Daniel				2018-07-10
x.xxx ±0.10	Check:	Daniel				2018-07-10

$2.00 \times \text{No. of Positions} \pm 0.3$ $2.00 \times (N-1) \text{ Positions} \pm 0.2$ 

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: 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-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 (02~80)

Right Angle Pin: R1 Type, R2 Type

Size: L1xL2xD

Plating:

G0=Gold Flash

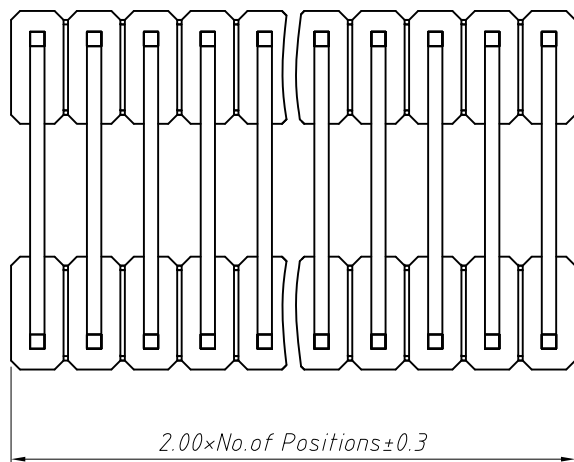
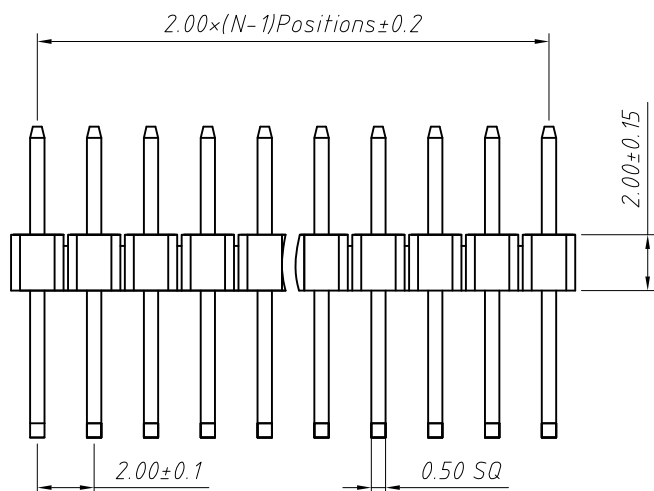
G1=1u" Gold

G10=10u" Gold

G15=15u" Gold

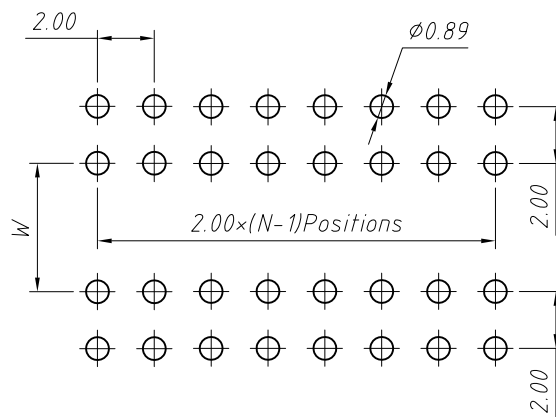
G30=30u" Gold

ANGLE TOLERANCE		PROJECTION		Description:	
$\pm 3^{\circ}$				2.00mm Pin Header	
GENERAL TOLERANCE		UNITS		Double layer, Right Angle Pin, 2xN Pin	
x.x	± 0.30	SHEET SIZE	A4	L-KLS1-218B-2.00-2-XX-R2-L1xL2xD-G0	
x.xx	± 0.20	Draw:	Daniel	2018-07-10	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx	± 0.10	Check:	Daniel	2018-07-10	

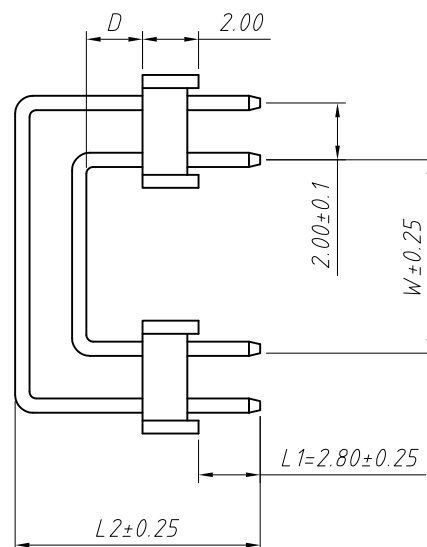


Dimension antitheses list (mm)

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

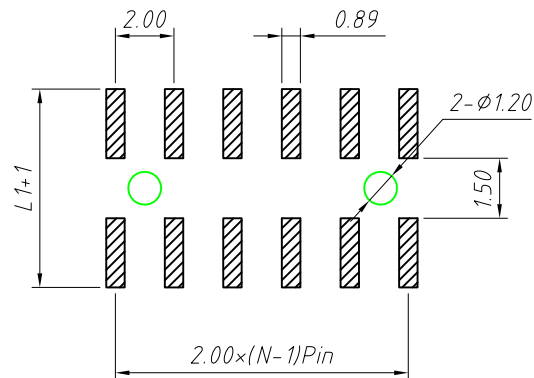
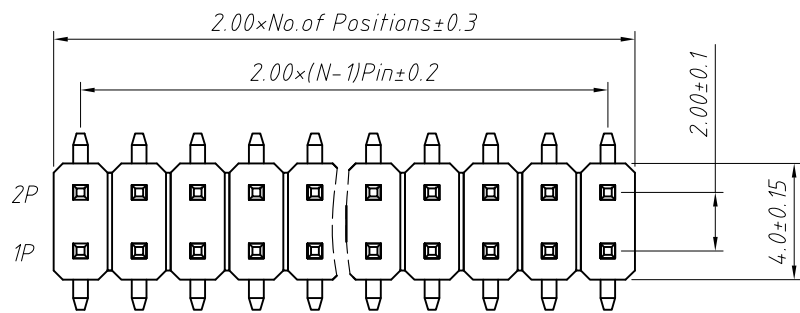
Mechanical
Operating Temperature: -40°C~+105°C
Max.Processing Temp:240°C for 30-60 seconds
(260°C for 10 seconds)

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 (02~80)
Type:Right Angle Pin
Size: L1xL2xDxW
Plating:
G0=Gold Flash G1=1u" Gold
G10=10u" Gold G15=15u" Gold
G30=30u" Gold

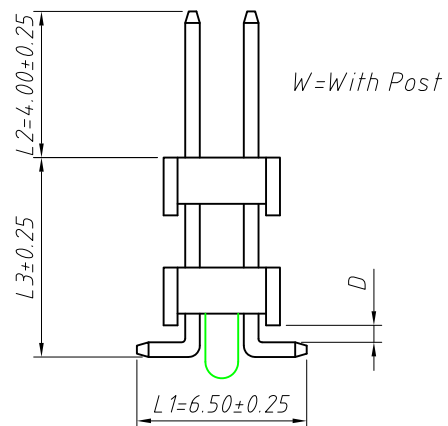
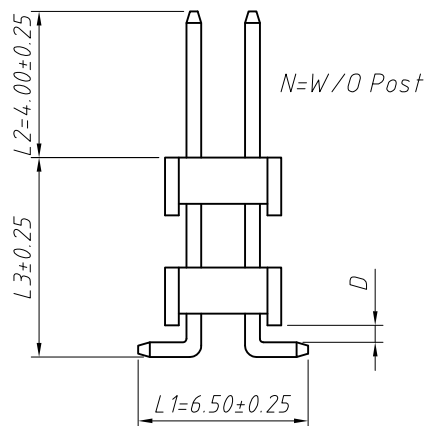
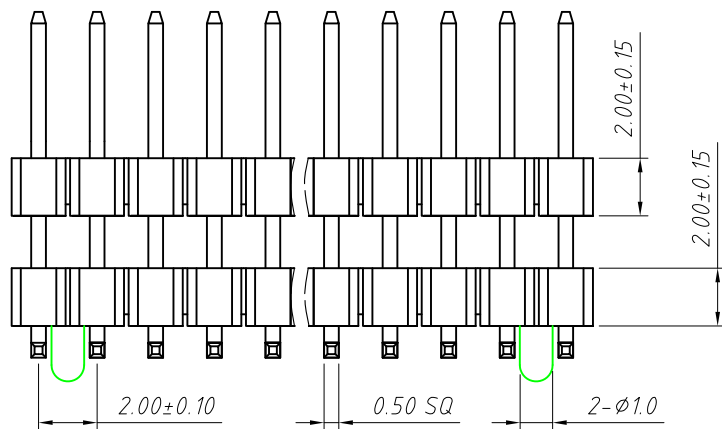
ANGLE TOLERANCE	PROJECTION		Description:		2.00mm Pin Header	
±3°			Double layer,Right Angle Pin,2xN Pin			
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-218B-2.00-2-XX-R3-L1xL2xDxW-G0		
x.x ±0.30	SHEET SIZE	A4			NingBo KLS ELECTRONIC CO.,L TD.	
x.xx ±0.20	Draw:	Daniel	2018-07-10			
x.xxx ±0.10	Check:	Daniel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

RoHS Compliance



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: 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-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 (02 ~ 80)

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:	
±3°				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	2018-07-10	NingBo KLS ELECTRONIC CO., LTD.
x.xxx	±0.10	Check:	Daniel	2018-07-10	