

1
RoHS Compliance

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A

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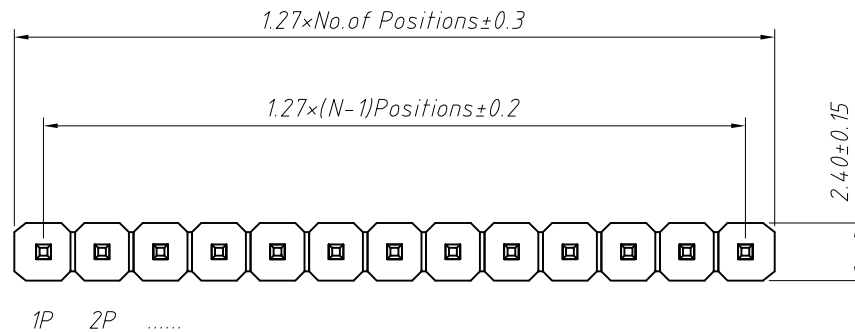
D

E

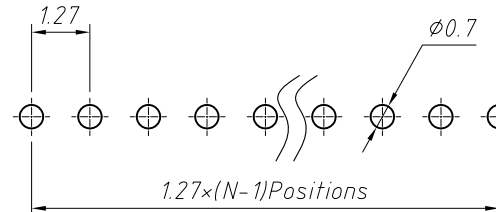
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Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



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

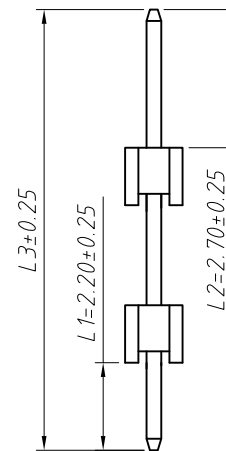
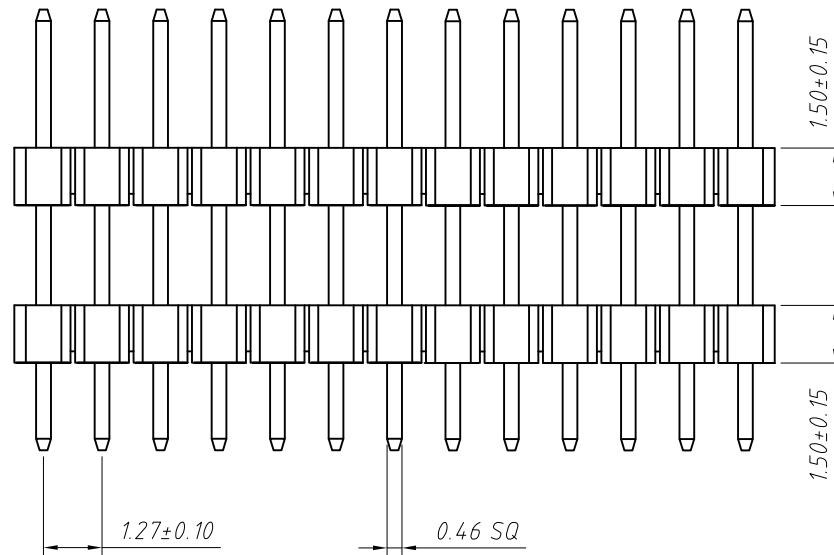
Electrical Characteristics:
Rated Current: 1AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C~+105°C
Max.Processing Temp:180°C for 30-60 seconds
(200°C for 10 seconds)

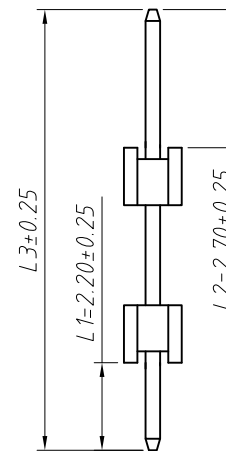
Order Information:

L-KLS1-218C-1.50-1-XX-S-L1xL2xL3-G0

L: RoHS
Pin Header Series
218C: 1.27mm
Plastics Height:
1.00, 1.50, 1.70, 2.00, 2.50 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	2.20	2.70	---	1.50
Nonstandard	---	---	---	---

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				1.27mm Pin Header	
				Single layer, Straight Pin, 1xN Pin	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-218C-1.50-1-XX-S-L1xL2xL3-G0
x.x	±0.30	SHEET SIZE	A4		
x.xx	±0.20	Draw:	Daniel	2018-07-10	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx	±0.10	Check:	Daniel	2018-07-10	

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RoHS Compliance

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A

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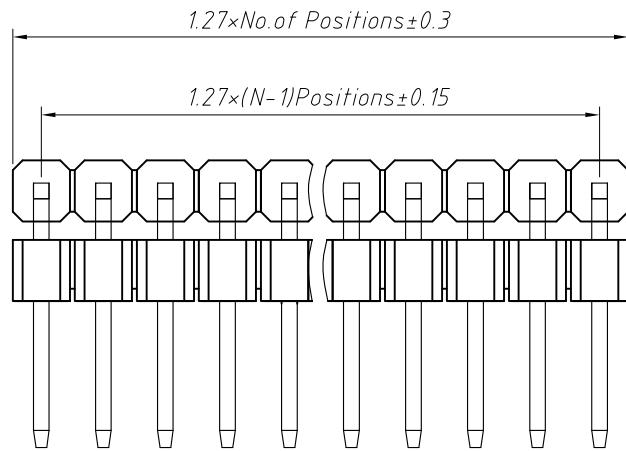
D

E

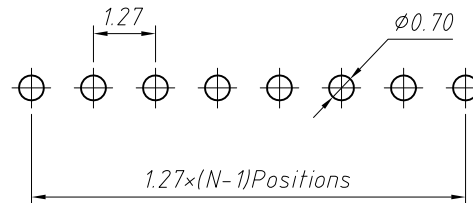
F

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H



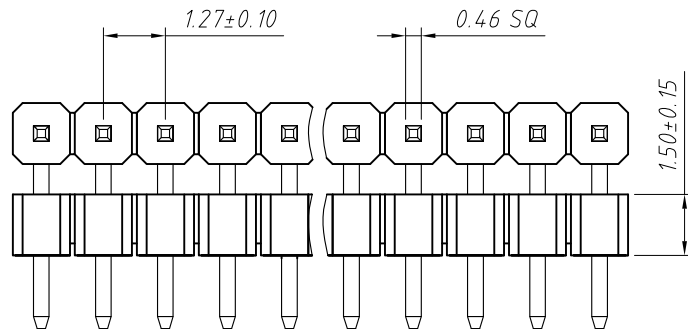
Recommended P.C.Board Layout
(PCB Tolerance±0.05(Top View))



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

Electrical Characteristics:
Rated Current: 1AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C~+105°C

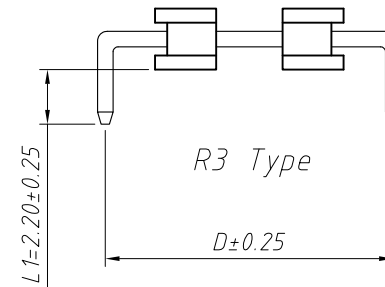
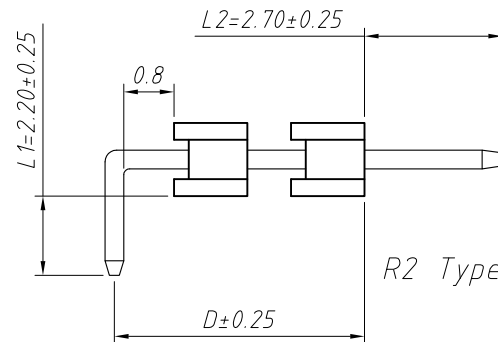
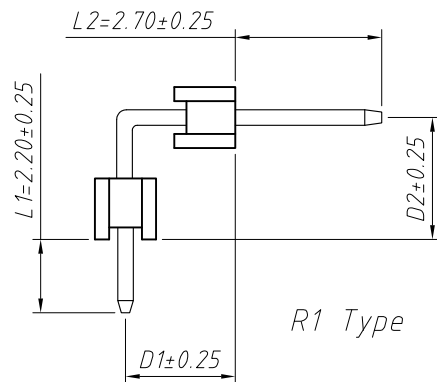


Dimension antitheses list (mm)						
ITEM	L1	L2	D	D1	D2	Plastic Height
Standard	2.20	2.70	---	---	---	1.50
Nonstandard	---	---	---	---	---	---

Order Information:

L-KLS1-218C-1.50-1-XX-R2-L1xL2xD-G0

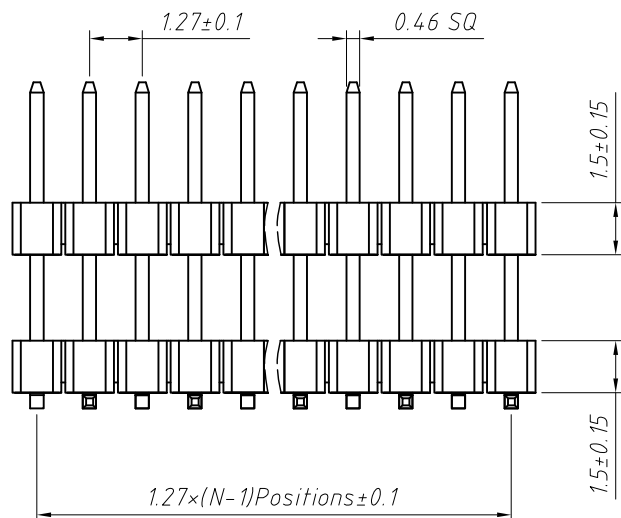
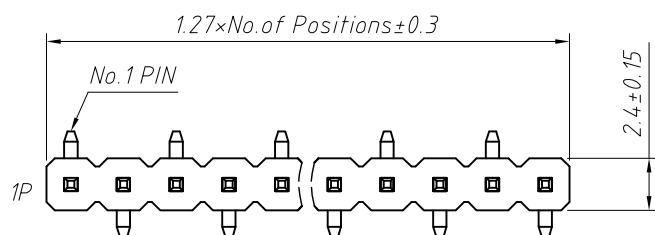
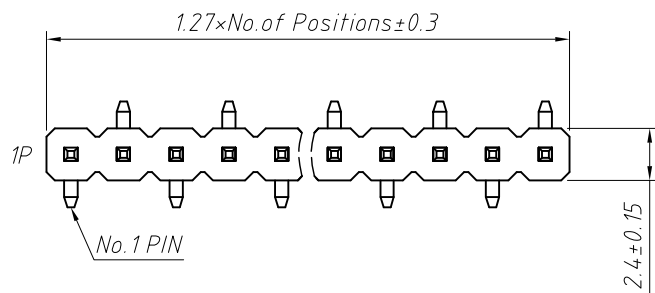
L: RoHS
Pin Header Series
218C: 1.27mm
Plastics Height:
1.00, 1.50, 1.70, 2.00, 2.50 mm
Per Row:Single layer
Pin: No. of Pins (1x40)
Right Pin:R1 Type, R2 Type, R3 Type
Size: L1xL2xD
Plating:
G0=Gold Flash G1=1u" Gold
G10=10u" Gold G15=15u" Gold
G30=30u" Gold



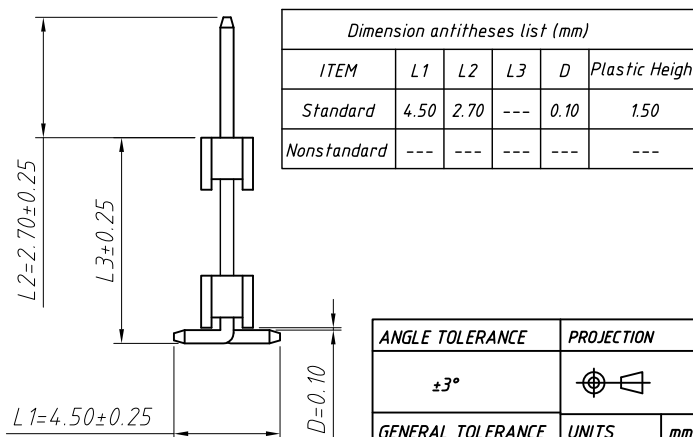
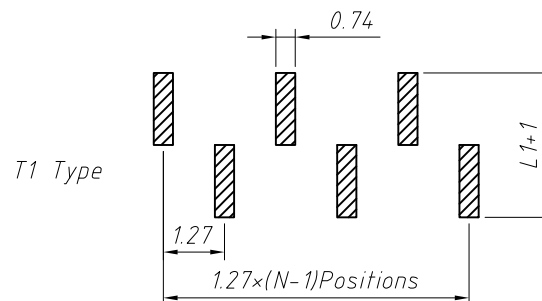
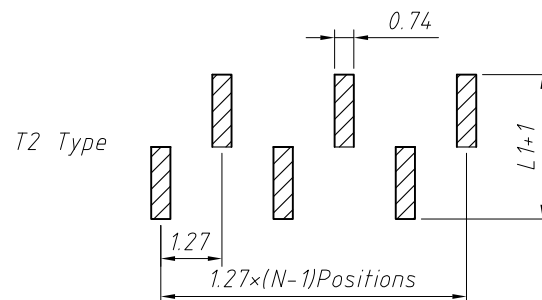
ANGLE TOLERANCE		PROJECTION		Description:	
±3°				1.27mm Pin Header Single layer, Right Angle Pin, 1xN Pin	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-218C-1.50-1-XX-R2-L1xL2xD-G0
x.x	±0.30	SHEET SIZE	A4		
x.xx	±0.20	Draw:	Daniel	2018-07-10	
x.xxx	±0.10	Check:	Daniel	2018-07-10	



NingBo KLS ELECTRONIC CO.,LTD.



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	2.70	---	0.10	1.50
Nonstandard	---	---	---	---	---

Material:

Standard:PA6T

Contact: Brass

Insulator:Polyester,UL 94 V-0

Electrical Characteristics:

Rated Current: 1AMP

Contact Resistance: 20mΩ Max

Withstand Voltage: 500V AC/DC

Insulator Resistance: 1000MΩ Min

Mechanical

Operating Temperature: -40°C ~ +105°C

Max.Processing Temp:230°C for 30-60 seconds
(260°C for 10 seconds)

Order Information:

L-KLS1-218C-1.50-1-XX-T1-L1xL2xL3xD-G0-N-R

L: RoHS

Pin Header Series

218C: 1.27mm

Plastics Height:

1.00, 1.50, 1.70, 2.00, 2.50 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

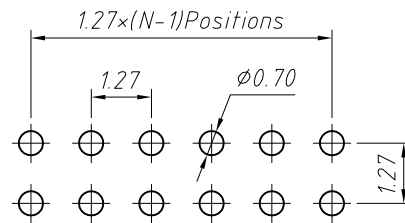
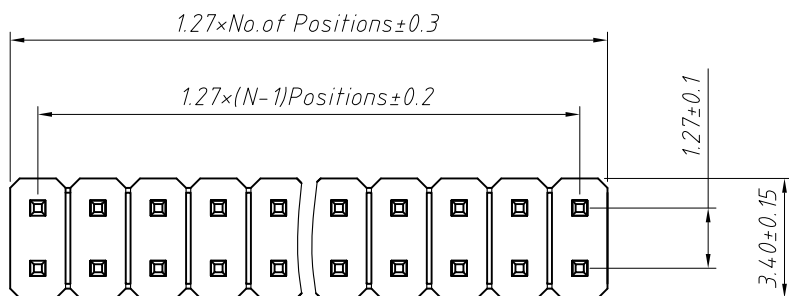
A=Tray

T=Tube

P=Tube+Cap

R=Reel+Cap

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				1.27mm Pin Header	
GENERAL TOLERANCE		UNITS		Single layer,SMT Mounting type,1xN Pin	
x.x	±0.30	SHEET SIZE	A4	KLS P/N: L-KLS1-218C-1.50-1-XX-T1-L1xL2xL3xD-G0-N-R	
x.xx	±0.20	Draw:	Daniel	NingBo KLS ELECTRONIC CO.,L TD.	
x.xxx	±0.10	Check:	Daniel		

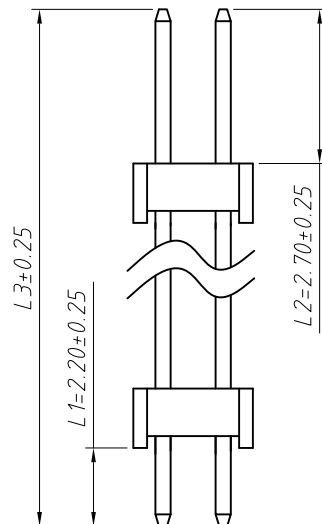
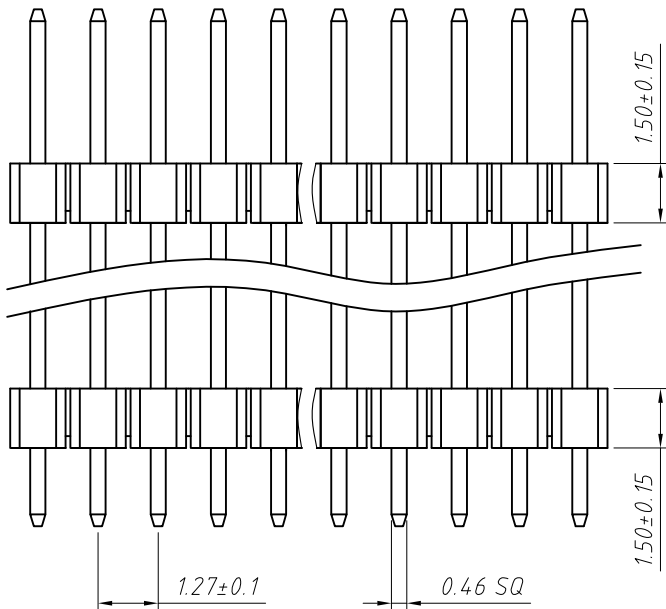


RECOMMEND P.C.BOARD LAYOUT
PCB TOLERANCE:±0.05 (TOP VIEW)

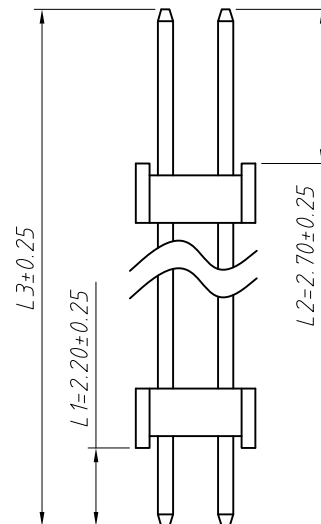
Material:
Standard:PA6T
Contact: Brass
Insulator:Polyester,UL 94V-0

Electrical Characteristics:
Rated Current: 1AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C~+105°C



S Type



S1 Type

Order Information:
L-KLS1-218C-1.50-2-XX-S-L1xL2xL3-G0

L: RoHS
Pin Header Series
218C:1.27mm
Plastics Height:
1.00、1.50、1.70、2.00、2.50 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

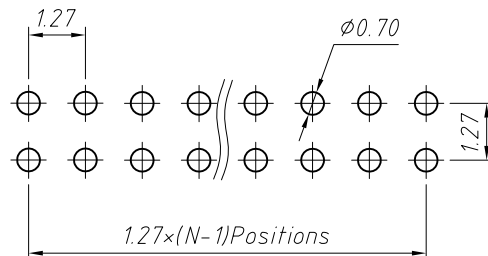
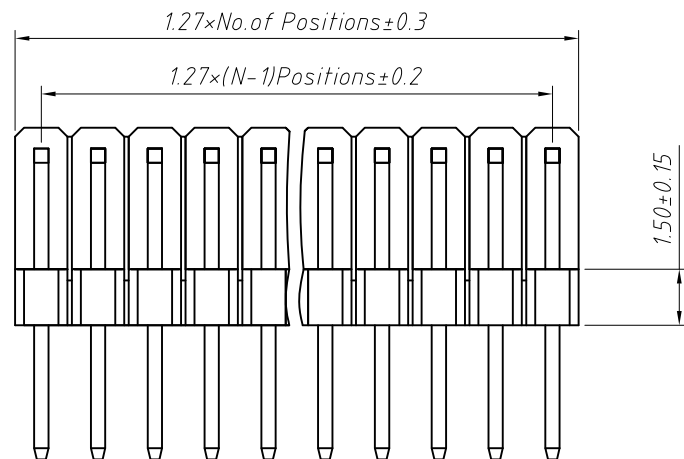
Dimension antitheses list (mm)

ITEM	L1	L2	L3	Plastic Height
Standard	2.20	2.70	---	1.50
Nonstandard	---	---	---	---

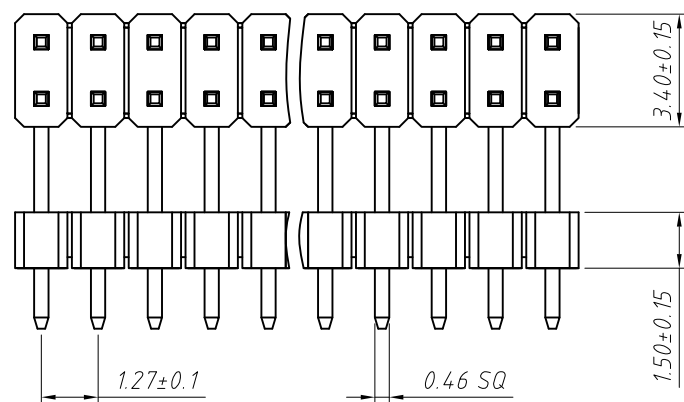
ANGLE TOLERANCE	PROJECTION	Description:	
±3°		1.27mm Pin Header Double layer, Straight Pin, 2xN Pin	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:
x.x ±0.30	SHEET SIZE	A4	L-KLS1-218C-1.50-2-XX-S-L1xL2xL3-G0
x.xx ±0.20	Draw:	Daniel	2018-07-10
x.xxx ±0.10	Check:	Daniel	2018-07-10



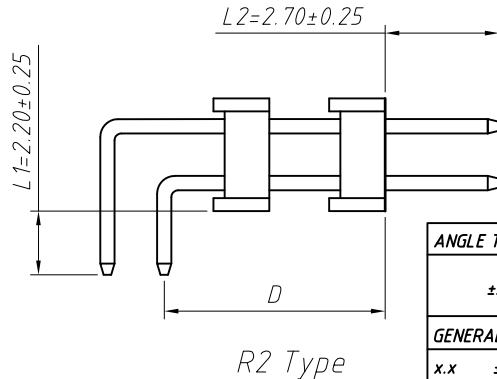
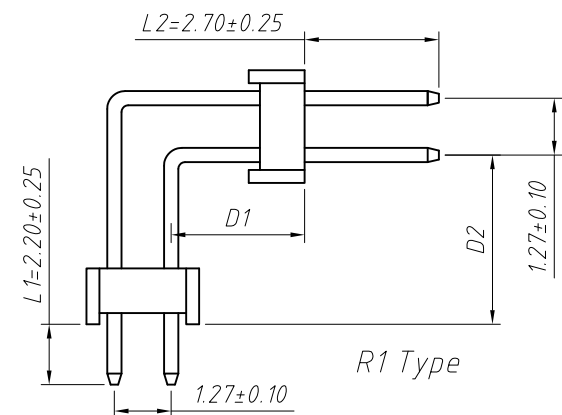
NingBo KLS ELECTRONIC CO.,LTD.



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



Dimension antitheses list (mm)						
ITEM	L1	L2	D	D1	D2	Plastic Height
Standard	2.20	2.70	---	---	---	1.50
Nonstandard	---	---	---	---	---	---



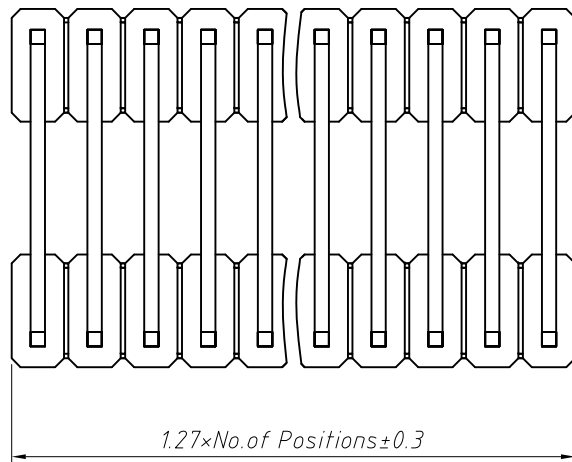
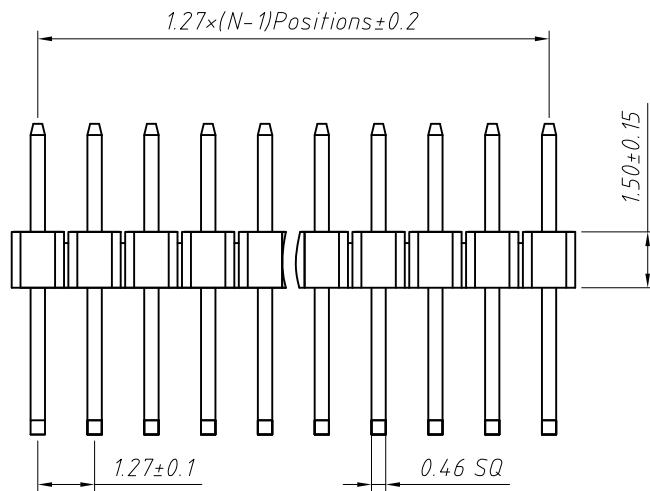
Material:
Standard:PA6R
Contact: Brass
Insulator:Polyester,UL 94 V-0

Electrical Characteristics:
Rated Current: 1AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min

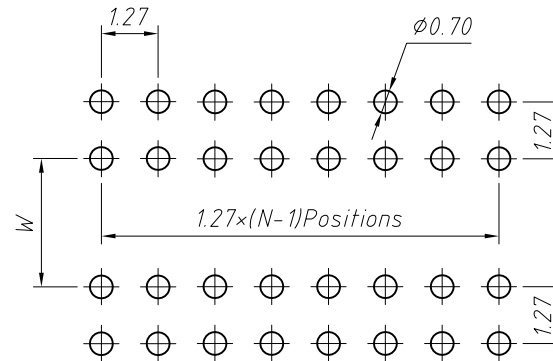
Mechanical
Operating Temperature: -40°C~+105°C
Max.Processing Temp: 180°C for 30-60 seconds (200°C for 10 seconds)

Order Information:
L-KLS1-218C-1.50-2-XX-R2-L1xL2xD-G0
L: RoHS
Pin Header Series
218C:1.27mm
Plastics Height:
1.00, 1.50, 1.70, 2.00, 2.50 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

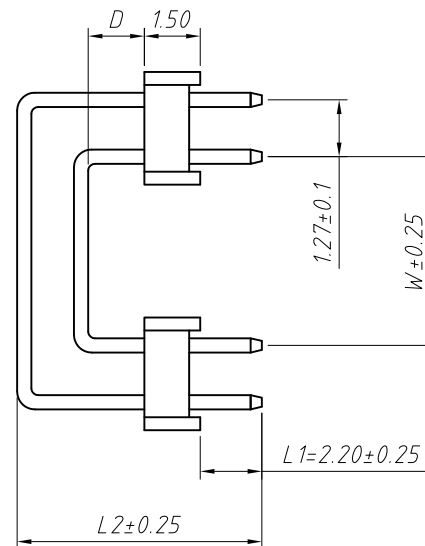
ANGLE TOLERANCE		PROJECTION		Description:	
±3°				1.27mm Pin Header	
GENERAL TOLERANCE		UNITS	mm	Double layer,Right Angle Pin,2xN Pin	
x.x	±0.30	SHEET SIZE	A4	L-KLS1-218C-1.50-2-XX-R2-L1xL2xD-G0	
x.xx	±0.20	Draw:	Daniel	NingBo KLS ELECTRONIC CO.,LTD.	
x.xxx	±0.10	Check:	Daniel		



Dimension antitheses list (mm)					
ITEM	L1	L2	D	W	Plastic Height
Standard	2.20	---	---	---	1.50
Nonstandard	---	---	---	---	---



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



Material:
Standard:PA6R
Contact: Brass
Insulator:Polyester,UL 94 V-0

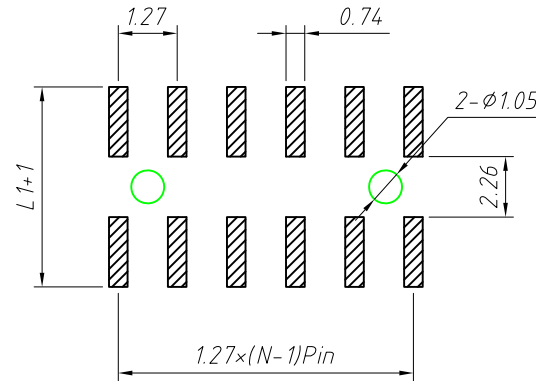
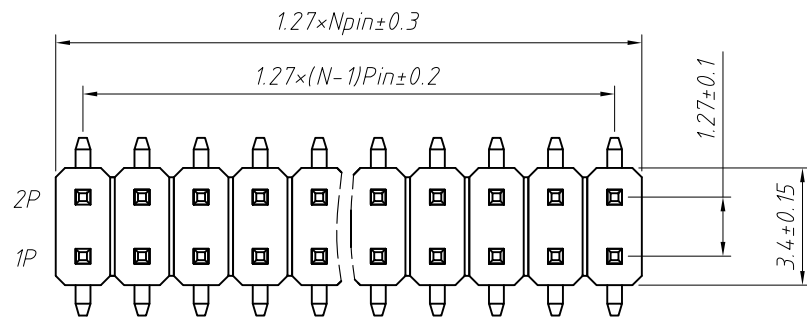
Electrical Characteristics:
Rated Current: 1AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C~+105°C
Max.Processing Temp: 180°C for 30-60 seconds (200°C for 10 seconds)

Order Information:
L-KLS1-218C-1.50-2-XX-R3-L1xL2xDxW-G0

L: RoHS
Pin Header Series
218C:1.27mm
Plastics Height:
1.00、1.50、1.70、2.00、2.50 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: 1.27mm Pin Header			
±3°		Double layer,Right Angle Pin,2xN Pin			
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-218C-2.50-2-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)

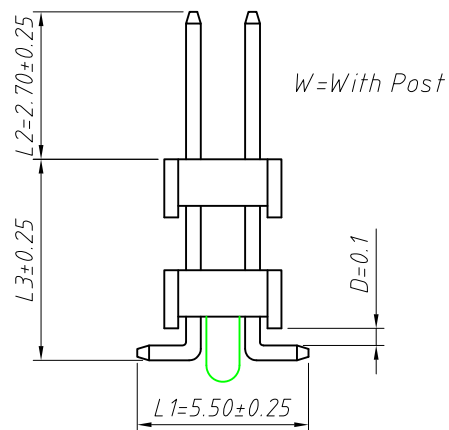
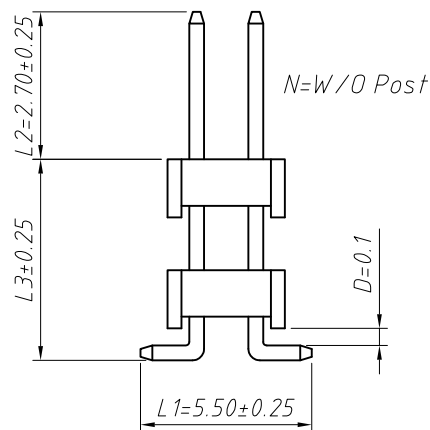
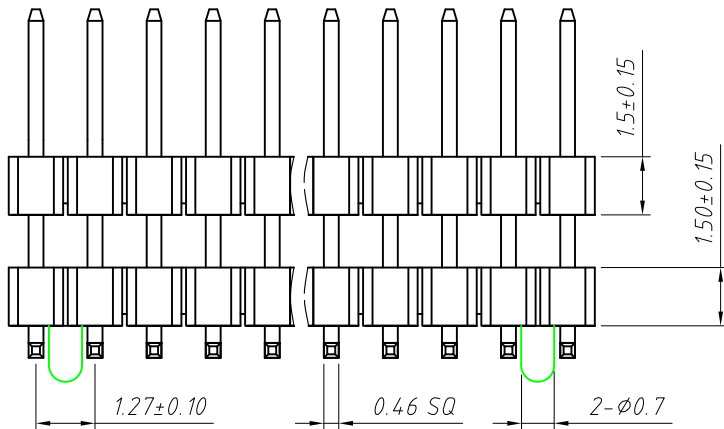
Dimension antitheses list (mm)					
ITEM	L1	L2	L3	D	Plastic Height
Standard	5.50	2.70	---	0.10	1.50
Nonstandard	---	---	---	---	---

Material:
Standard: PA6T
Contact: Brass
Insulator: Polyester, UL 94 V-0
Electrical Characteristics:
Rated Current: 1AMP
Contact Resistance: $20m\Omega$ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: $1000M\Omega$ Min
Mechanical
Operating Temperature: $-40^{\circ}C \sim +105^{\circ}C$
Max. Processing Temp: $230^{\circ}C$ for 30-60 seconds
($260^{\circ}C$ for 5 seconds)

Order Information:

L-KLS1-218C-1.50-2-XX-T-L1xL2xL3xD-G0-W-R

L: RoHS
Pin Header Series
218C: 1.27mm
Plastics Height:
1.00, 1.50, 1.70, 2.00, 2.50 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:	
$\pm 3^{\circ}$				1.27mm Pin Header	
GENERAL TOLERANCE		UNITS		Double layer, SMT Mounting type, 2xN Pin	
x.x	± 0.30	SHEET SIZE	A4	KLS P/N:	L-KLS1-218C-1.50-2-XX-T-L1xL2xL3xD-G0-W-R
x.xx	± 0.20	Draw:	Daniel	2018-07-10	NingBo KLS ELECTRONIC CO., L TD.
x.xxx	± 0.10	Check:	Daniel	2018-07-10	