

1
RoHS Compliance

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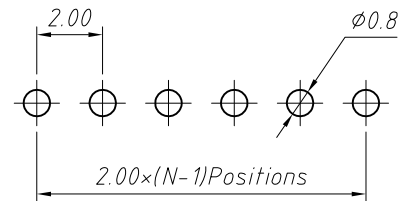
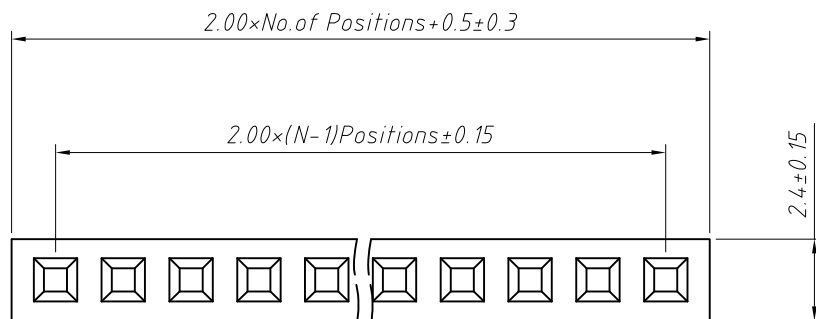
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E

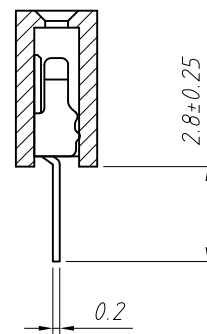
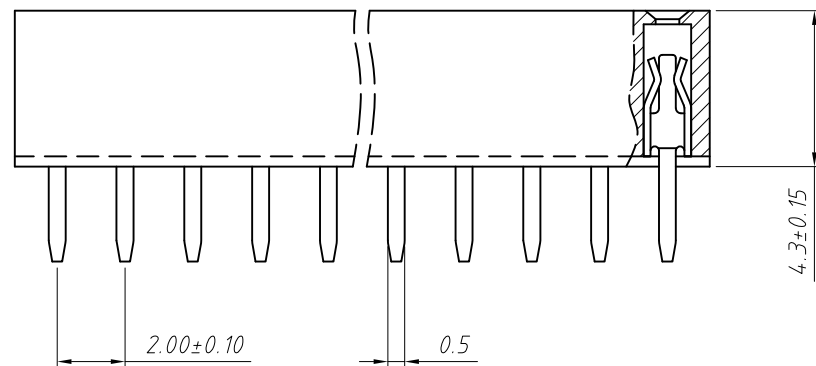
F

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H



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



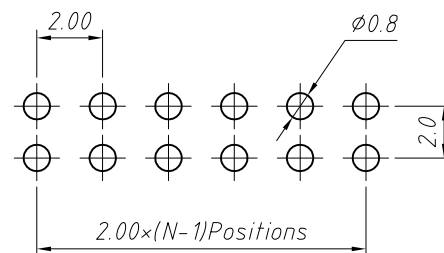
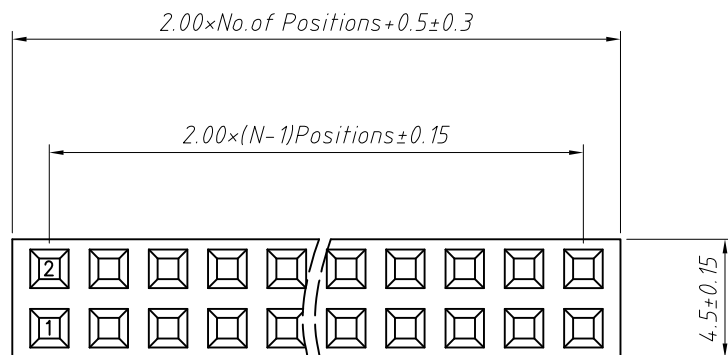
Material:
Standard:PBT/PA6T
Contact:Brass
Plating:Au or Sn Over Ni
Insulator:Polyester,UL 94V-0

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:230°C for 30-60
seconds (260°C for 10 seconds)

Order Information:
L-KLS1-208B-4.3-1-XX-S-B
L: RoHS
Female Header
Series 208B:2.00mm
Plastics Height:4.3mm
Per Row:Single layer
Pin: No. of Pins (1x40)
Type:Straight Pin
Material:A=PBT B=PA6T C=LCP

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				2.0x4.3mm Female Header Single layer, Straight Pin, 1xN Pin	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
x.x	±0.30	SHEET SIZE	A4	L-KLS1-208B-4.3-1-XX-S-B	
x.xx	±0.20	Draw:	Daniel	2018-07-10	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx	±0.10	Check:	Daniel	2018-07-10	

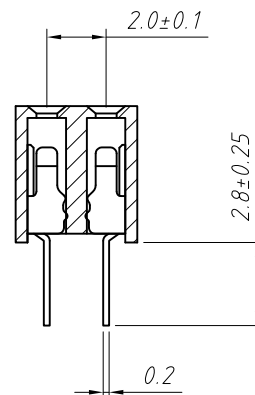
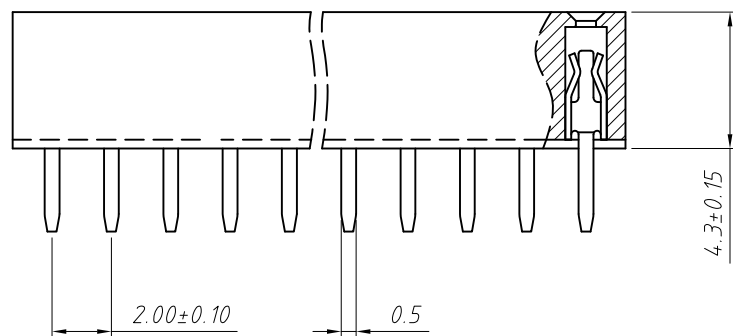


Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)

Material:
Standard:PBT/PA6T
Contact:Brass
Plating: Au or Sn Over Ni
Insulator: Polyester, UL 94 V-0

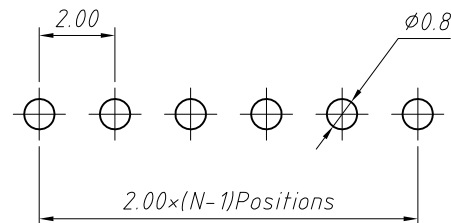
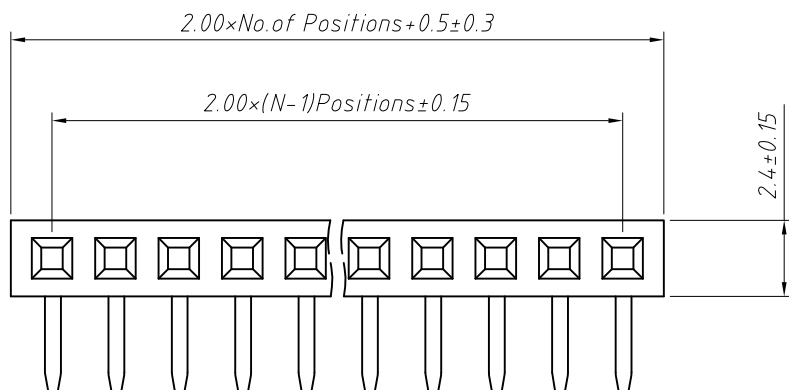
Electrical Characteristics:
Rated Current: 1.5AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 500V AC/DC
Insulator Resistance: 1000MΩ Min

Mechanical
Operating Temperature: -40°C ~ +105°C
Max.Processing Temp: 230°C for 30-60 seconds (260°C for 10 seconds)

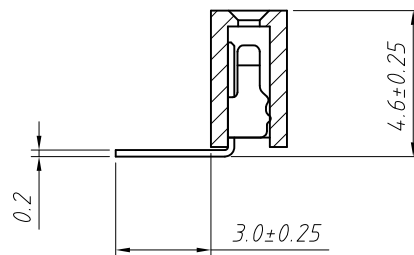
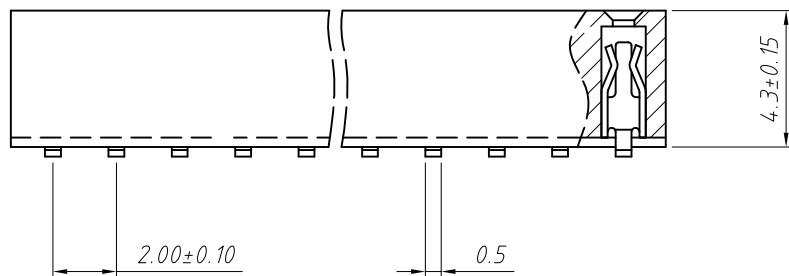


Order Information:
L-KLS1-208B-4.3-2-XX-S-B
L: RoHS
Female Header
Series 208B: 2.00mm
Plastics Height: 4.3mm
Per Row: Double layer
Pin: No. of Pins (2x40)
Type: Straight Pin
Material: A=PBT B=PA6T C=LCP

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				2.0x4.3mm Female Header Double layer, Straight Pin, 2xN Pin	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
x.x	±0.30	SHEET SIZE	A4	L-KLS1-208B-4.3-2-XX-S-B	
x.xx	±0.20	Draw:	Daniel	2018-07-10	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx	±0.10	Check:	Daniel	2018-07-10	



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



Material:

Standard: PBT/PA6T

Contact: Brass

Plating: Au or Sn Over Ni

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: 230°C for 30-60 seconds (260°C for 10 seconds)

Order Information:

L-KLS1-208B-4.3-1-XX-R1-B

L: RoHS

Female Header

Series 208B: 2.00mm

Plastics Height: 4.3mm

Per Row: Single layer

Pin: No. of Pins (1x40)

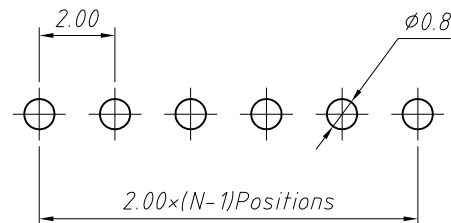
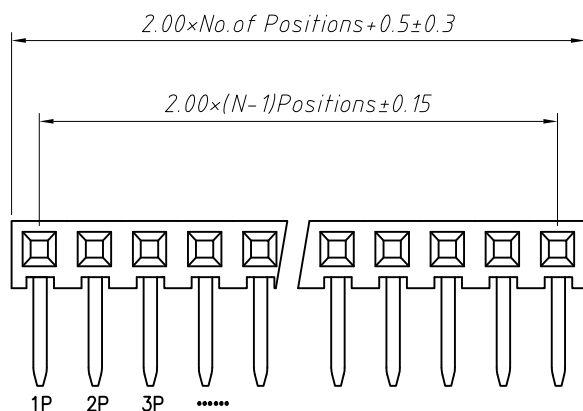
Right Angle Pin: R1 Type

Material: A=PBT B=PA6T C=LCP

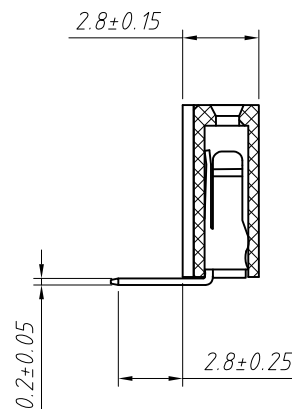
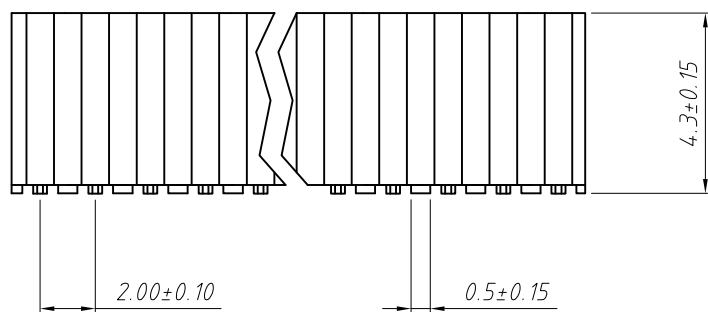
ANGLE TOLERANCE	PROJECTION	Description:
±3°		2.0x4.3mm Female Header Single layer, Right Angle Pin, 1xN Pin
GENERAL TOLERANCE	UNITS	mm
x.x ±0.30	SHEET SIZE	A4
x.xx ±0.20	Draw:	Daniel
x.xxx ±0.10	Check:	Daniel
		2018-07-10
		2018-07-10



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



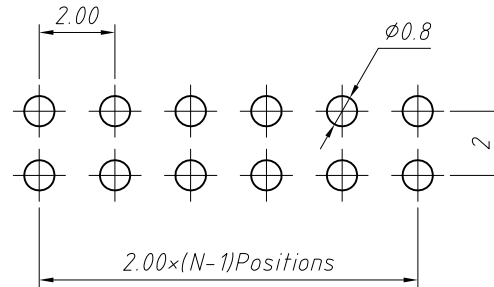
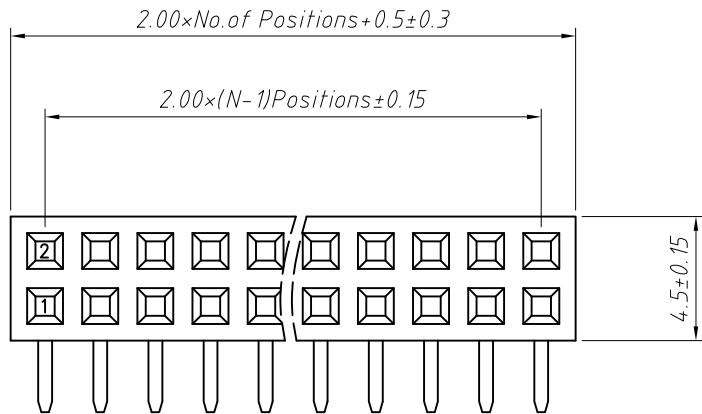
Material:
Standard: PBT/PA6T
Contact: Brass
Plating: Au or Sn Over Ni
Insulator: Polyester, UL94V-0

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

Mechanical
Operating Temperature: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
Max. Processing Temp: 230°C for 30-60 seconds (260°C for 10 seconds)

Order Information:
L-KLS1-208B-4.3-1-XX-R2-B
L: RoHS
Female Header
Series 208B: 2.00mm
Plastics Height: 4.3mm
Per Row: Single layer
Pin: No. of Pins (1x40)
Right Angle Pin: R2 Type
Material: A=PBT B=PA6T C=LCP

ANGLE TOLERANCE	PROJECTION	Description:
$\pm 3^{\circ}$		2.0x4.3mm Female Header Single layer, Right Angle Pin, 1xN Pin
GENERAL TOLERANCE	UNITS	mm
x.x ± 0.30	SHEET SIZE	A4
x.xx ± 0.20	Draw:	Daniel
x.xxx ± 0.10	Check:	Daniel
		KLS P/N: L-KLS1-208B-4.3-1-XX-R2-B
		NingBo KLS ELECTRONIC CO.,LTD.



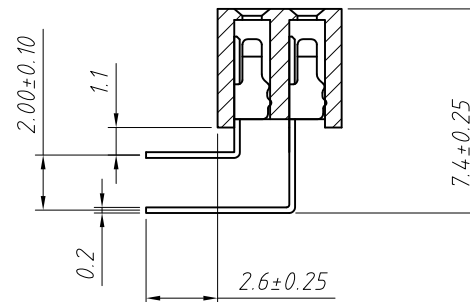
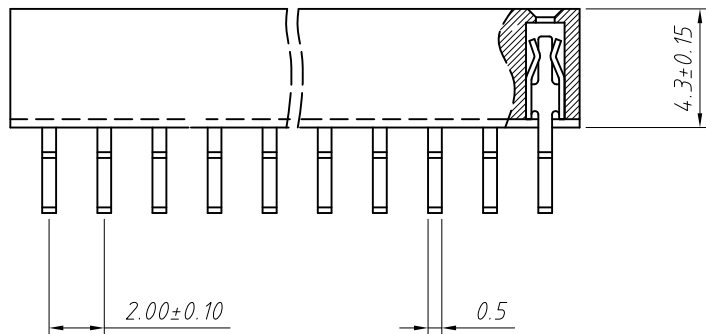
Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ± 0.05)

Material:
Standard: PBT/PA6T
Contact: Brass
Plating: Au or Sn Over Ni
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: 230°C for 30-60 seconds (260°C for 10 seconds)

Order Information:
L-KLS1-208B-4.3-2-XX-R-B
L: RoHS
Female Header
Series 208B: 2.00mm
Plastics Height: 4.3mm
Per Row: Double layer
Pin: No. of Pins (2x40)
Type: Right Angle Pin
Material: A=PBT B=PA6T C=LCP



ANGLE TOLERANCE	PROJECTION	Description:
±3°		2.0x4.3mm Female Header Double layer, Right Angle Pin, 2xN Pin
GENERAL TOLERANCE	UNITS	mm
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



NingBo KLS ELECTRONIC CO.,LTD.

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RoHS Compliance

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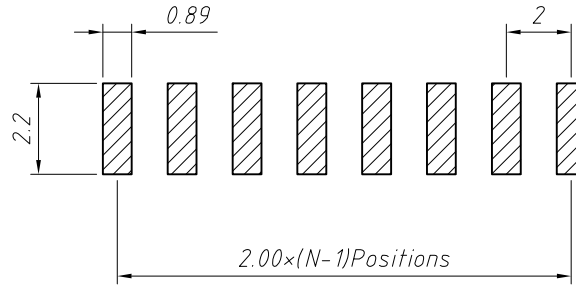
7

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$2.00 \times \text{No. of Positions} + 0.5 \pm 0.3$

$2.00 \times (N-1) \text{ Positions} \pm 0.15$

2.4 ± 0.15



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

Material:

Standard: PA6T

Contact: Phosphor Bronze

Plating: Au or Sn Over Ni

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°C ~ +105°C

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

Order Information:

L-KLS1-208B-4.3-1-XX-RM-L1xL2-N-B-R

L: RoHS

Female Header

Series 208B: 2.00mm

Plastics Height: 4.3mm

Per Row: Single layer

Pin: No. of Pins (1x40)

SMT Type: Horizontal SMT

Size: L1xL2

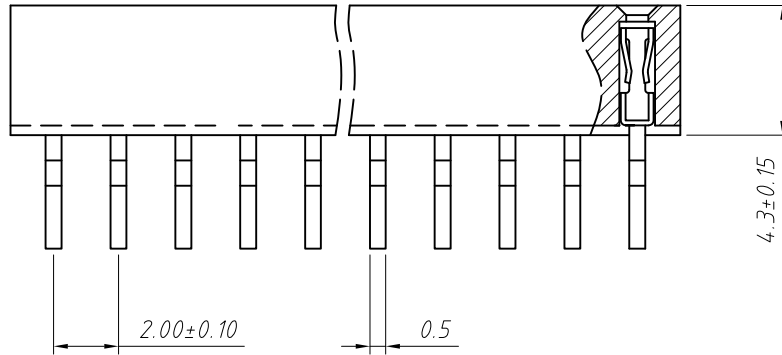
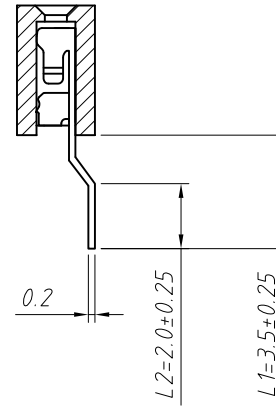
Post: W=With Post N=Without Post

Material: A=PBT B=PA6T C=LCP

Packing:

A=Tray T=Tube M=Reel+Mylar

P=Tube+Cap R=Reel+Cap



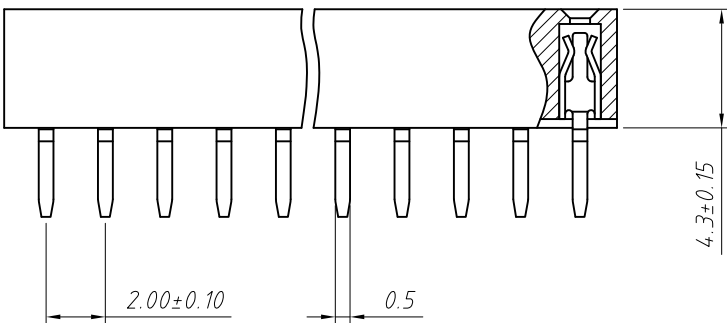
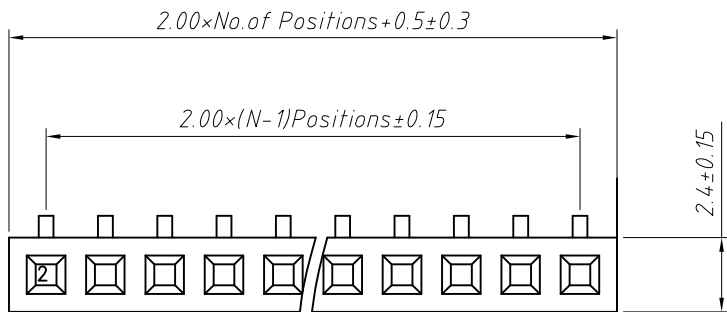
Dimension antitheses list (mm)

ITEM	L1	L2	Plastic Height
Standard	3.50	2.00	4.30
Nonstandard	---	---	---

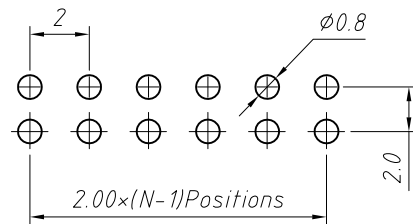
ANGLE TOLERANCE		PROJECTION		Description:	
$\pm 3^\circ$				2.0x4.3mm Female Header	
				Single layer, Horizontal SMT, 1xN Pin	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
x.x ± 0.30		SHEET SIZE		L-KLS1-208B-4.3-1-XX-RM-L1xL2-N-B-R	
x.xx ± 0.20		Draw:		Daniel 2018-07-10	
x.xxx ± 0.10		Check:		Daniel 2018-07-10	



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Dimension antitheses list (mm)			
ITEM	L1	L2	Plastic Height
Standard	3.00	2.00	4.30
Nonstandard	---	---	---

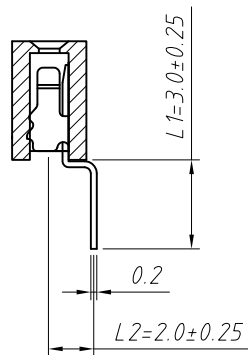


Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ± 0.05)

Material:
Standard: PBT/PA6T
Contact: Brass
Plating: Au or Sn Over Ni
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: 230°C for 30-60 seconds (260°C for 10 seconds)

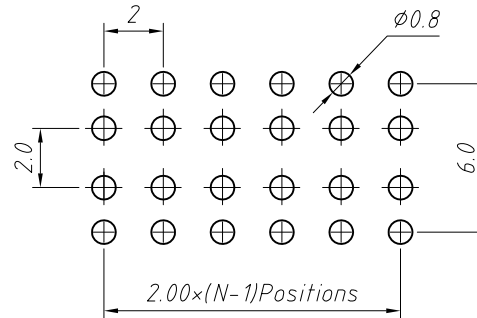
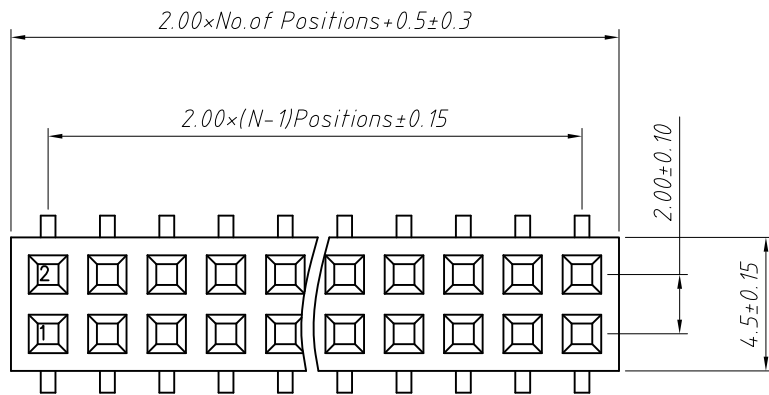


Order Information:
L-KLS1-208B-4.3-1-XX-W-L1xL2-B
L: RoHS
Female Header
Series 208B: 2.00mm
Plastics Height: 4.3mm
Per Row: Single layer
Pin: No. of Pins (1x40)
Type: Bottom Entry
Size: L1xL2
Material: A=PBT B=PA6T C=LCP

ANGLE TOLERANCE	PROJECTION	Description:	
±3°		2.0x4.3mm Female Header Single layer, Bottom Entry, 1xN Pin	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:
x.x ±0.30	SHEET SIZE	A4	L-KLS1-208B-4.3-1-XX-W-L1xL2-B
x.xx ±0.20	Draw:	Daniel	2018-07-10
x.xxx ±0.10	Check:	Daniel	2018-07-10



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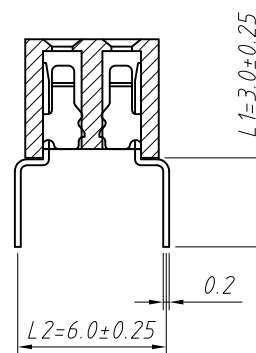
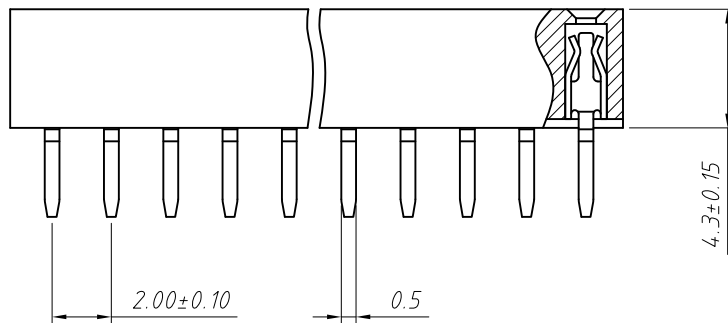


Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ± 0.05)

Material:
Standard: PBT/PA6T
Contact: Brass
Plating: Au or Sn Over Ni
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: 230°C for 30-60 seconds (260°C for 10 seconds)



Order Information:
L-KLS1-208B-4.3-2-XX-W-L1xL2-B
L: RoHS
Female Header
Series 208B: 2.00mm
Plastics Height: 4.3mm
Per Row: Double layer
Pin: No. of Pins (2x40)
Type: Bottom Entry
Size: L1xL2
Material: A=PBT B=PA6T C=LCP

Dimension antitheses list (mm)			
ITEM	L1	L2	Plastic Height
Standard	3.00	6.00	4.30
Nonstandard	---	---	---

ANGLE TOLERANCE	PROJECTION	Description:	2.0x4.3mm Female Header Double layer, Bottom Entry, 2xN Pin	
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-208B-4.3-2-XX-W-L1xL2-B
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.

1
RoHS Compliance

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A

B

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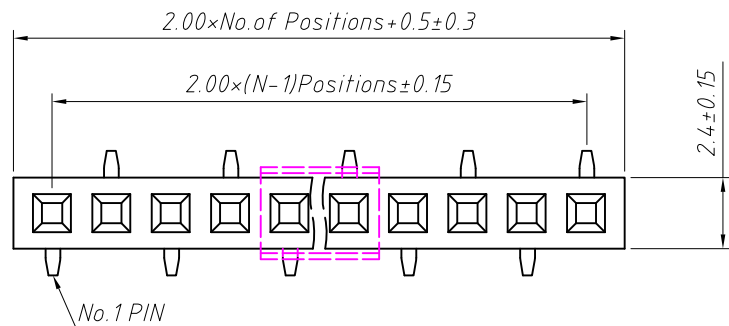
D

E

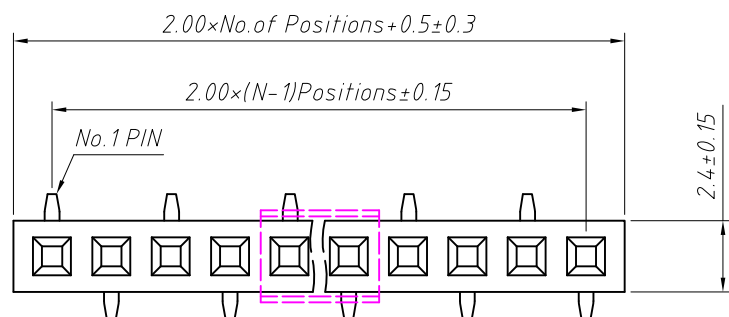
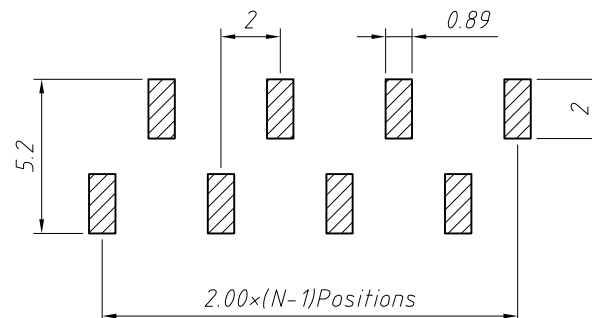
F

G

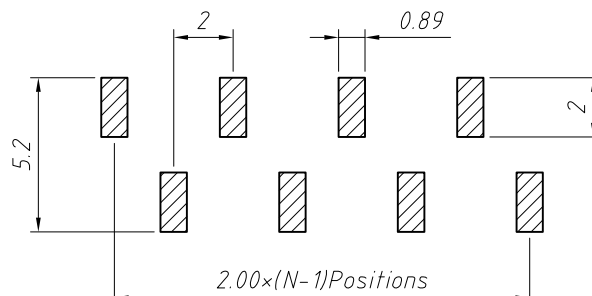
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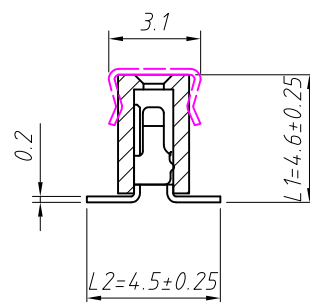
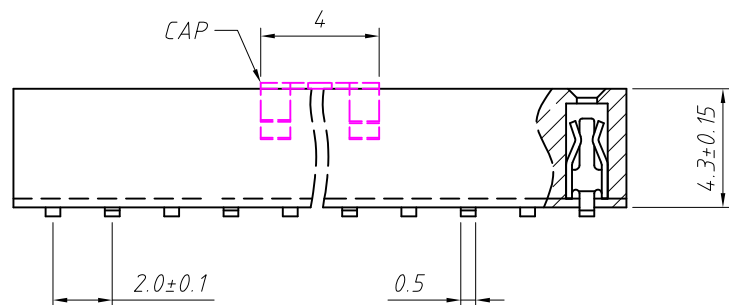
T2 Type



T1 Type



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



Material:
Standard:PA6T
Contact:Brass
Contact plating:Au or Sn over Ni
NickelInsulator: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:230°C for 30-60 seconds (260°C for 10 seconds)

Order Information:

L-KLS1-208B-4.3-1-XX-T1-L1xL2-N-B-R

L: RoHS
Pin Header Series-
208B:2.00mm
Plastics Height:4.3mm
Per Row:Single layer
Pin: No. of Pins (1x40)
SMT Pin:T1 Type,T2 Type
Size:L1xL2
Post:W=With Post N=W/O Post
Material:A=PBT B=PA6T C=LCP
Packing:
A=Tray T=Tube M=Reel+Mylar
P=Tube+Cap R=Reel+Cap

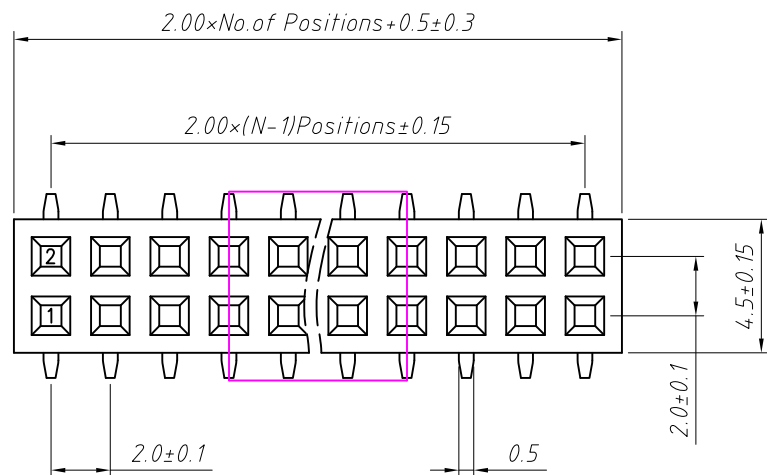
Dimension antitheses list (mm)			
ITEM	L1	L2	Plastic Height
Standard	4.60	4.50	4.30
Nonstandard	---	---	---

ANGLE TOLERANCE	PROJECTION	Description:	
±3°		2.00mm Female Header Single layer,SMT Pin,1xN Pin	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:
x.x ±0.30	SHEET SIZE	A4	L-KLS1-208B-4.3-1-XX-T1-L1xL2-N-B-R
x.xx ±0.20	Draw:	Daniel	2018-07-10
x.xxx ±0.10	Check:	Daniel	2018-07-10

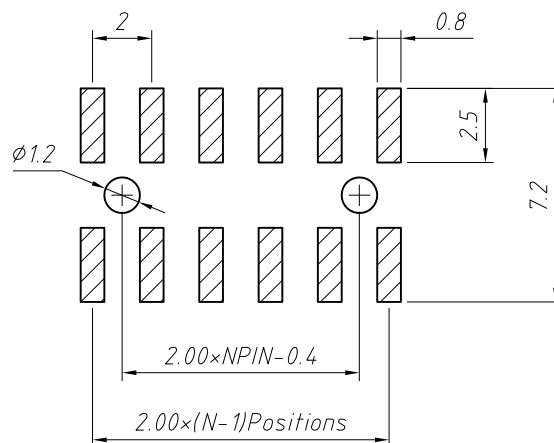


NingBo KLS ELECTRONIC CO.,L TD.

RoHS Compliance



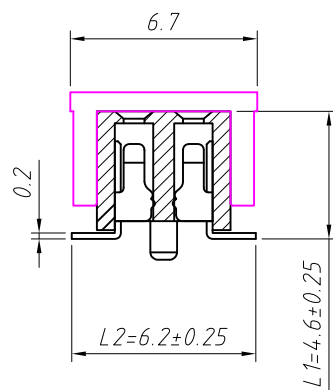
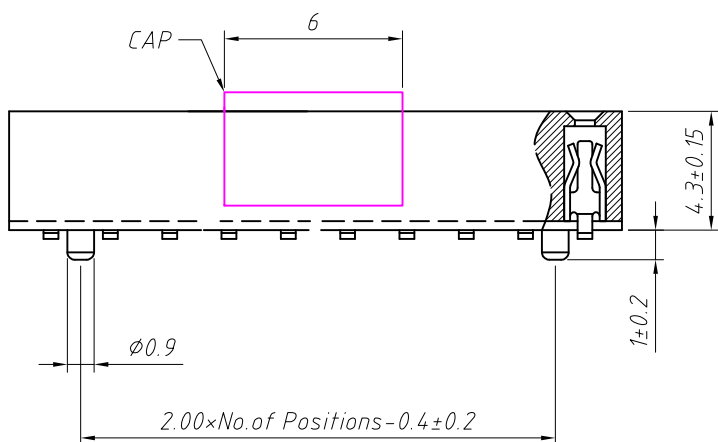
Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ± 0.05)



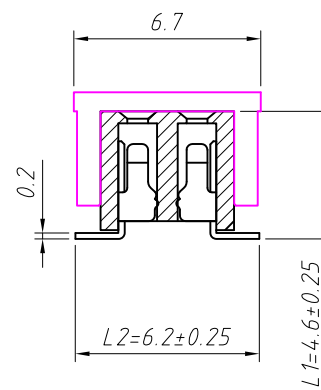
Material:
Standard: PA6T
Contact: Brass
Contact plating: Au or Sn over Ni
Nickel Insulator: Polyester, UL 94 V-0

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: 230°C for 30-60 seconds (260°C for 10 seconds)



T3=With Post



T=Without Post

Order Information:

L-KLS1-208B-4.3-2-XX-T-L1xL2-B-R

L: RoHS
Pin Header Series-
208B: 2.00mm
Plastics Height: 4.3mm
Per Row: Double layer
Pin: No. of Pins (2x40)
SMT: T=Without Post, T3=With Post
Size: L1xL2
Material: A=PBT B=PA6T C=LCP
Packing:
A=Tray T=Tube M=Reel+Mylar
P=Tube+Cap R=Reel+Cap

Dimension antitheses list (mm)

ITEM	L1	L2	Plastic Height
Standard	4.60	6.20	4.30
Nonstandard	---	---	---

ANGLE TOLERANCE	PROJECTION	Description:
±3°		2.00mm Female Header Double layer, SMT Pin, 2xN Pin
GENERAL TOLERANCE	UNITS	mm
x.x ±0.30	SHEET SIZE	A4
x.xx ±0.20	Draw:	Daniel
x.xxx ±0.10	Check:	Daniel
		KLS P/N:
		L-KLS1-208B-4.3-2-XX-T-L1xL2-B-R
		NingBo KLS ELECTRONIC CO.,L TD.