

1
RoHS Compliance

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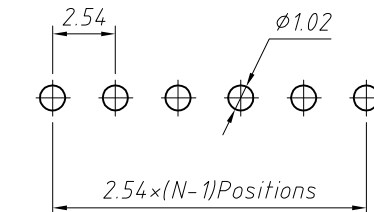
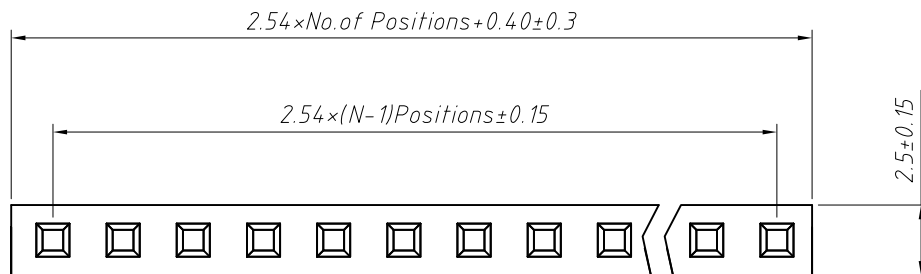
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Recommended PCB Hole Layout

Material:

Standard: PBT/PA6T

Contact: Brass

Plating: Au or Sn Over Ni

Insulator: Polyester, UL 94V-0

Electrical Characteristics:

Rated Current: 3.0AMP

Contact Resistance: 20mΩ Max

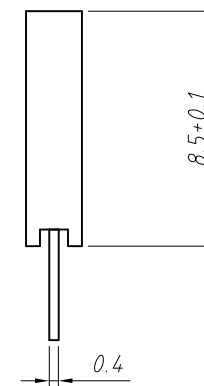
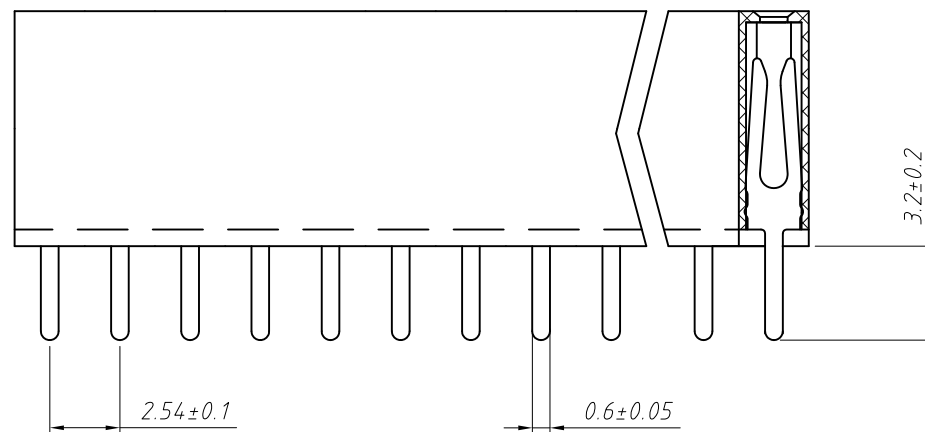
Withstand Voltage: 1000V AC/DC

Insulator Resistance: 1000MΩ Min

Mechanical

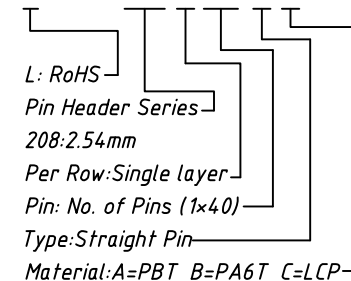
Operating Temperature: -40°C ~ +105°C

Max. Processing Temp: 180°C for 30-60 seconds (200°C for 10 seconds)



Order Information:

L-KLS1-208-1-XX-S-B



ANGLE TOLERANCE		PROJECTION		Description:	
±3°				2.54x8.5mm Female Header	
				Single layer, Straight Pin, 1xN Pin	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
x.x	±0.30	SHEET SIZE	A4	L-KLS1-208-1-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	

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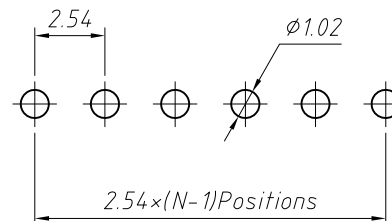
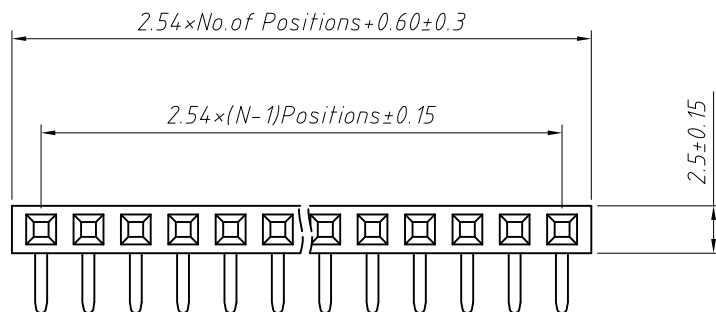
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Recommended PCB Hole Layout

Material:

Standard: PBT/PA6T

Contact: Brass

Contact plating: Au or Sn Over Ni

Nickel Insulator: Polyester, UL 94 V-0

Electrical Characteristics:

Rated Current: 3.0AMP

Contact Resistance: 20m Ω Max

Withstand Voltage: 1000V AC/DC

Insulator Resistance: 1000M Ω Min

Mechanical

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

Max. Processing Temp: 180°C for 30-60 seconds (200°C for 10 seconds)

Order Information:

L-KLS1-208-1-XX-R-B

L: RoHS

Pin Header Series

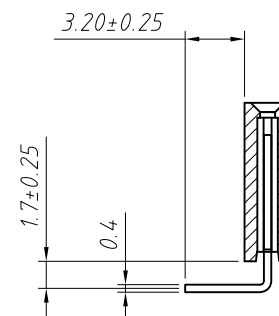
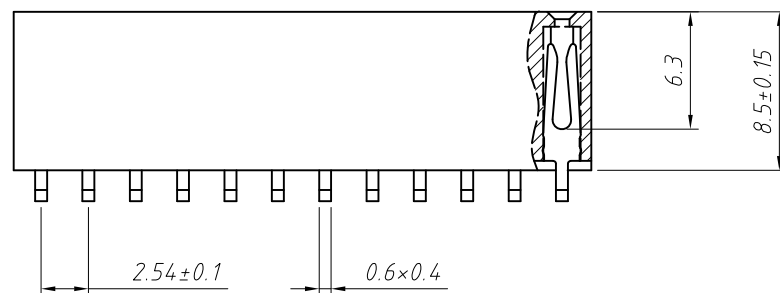
208: 2.54mm

Per Row: Single layer

Pin: No. of Pins (1x40)

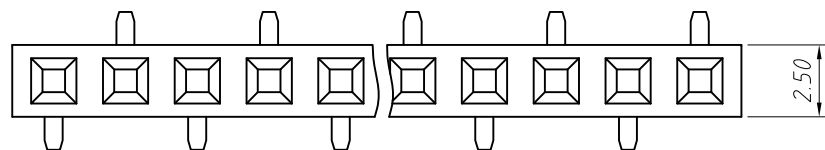
Type: Right Angle Pin

Material: A=PBT B=PA6T C=LCP

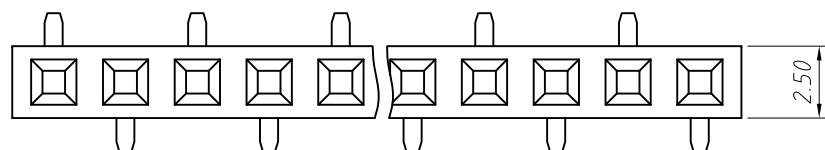


ANGLE TOLERANCE		PROJECTION		Description:	
$\pm 3^{\circ}$				2.54x8.5mm Female Header Single layer, Right Angle Pin, 1xN Pin	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
x.x	± 0.30	SHEET SIZE	A4	L-KLS1-208-1-XX-R-B	
x.xx	± 0.20	Draw:	Daniel	2018-07-10	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx	± 0.10	Check:	Daniel	2018-07-10	

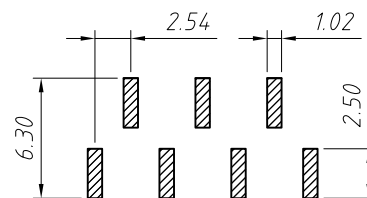
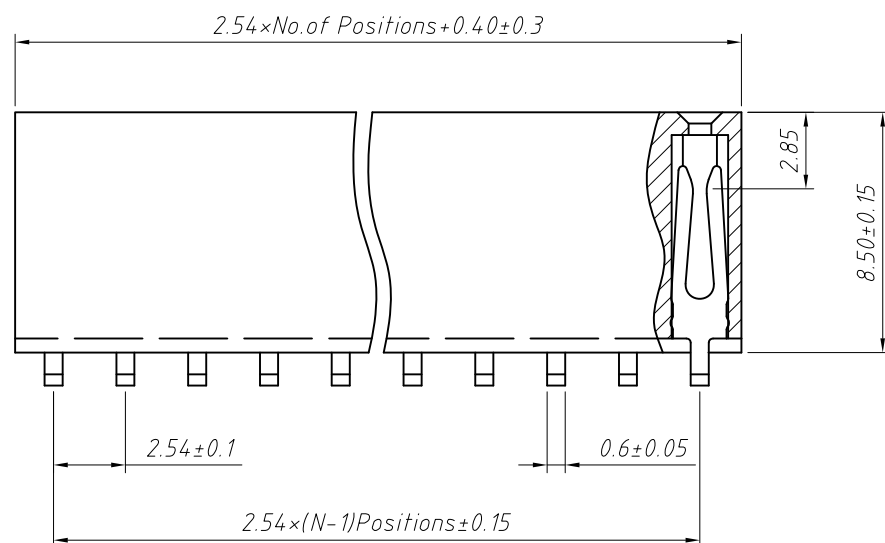
RoHS Compliance



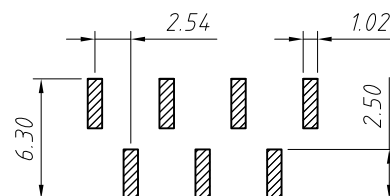
T2 Type



T1 Type



Recommended PCB Hole Layout



Material:
Standard:PA6T
Contact:Brass
Contact plating:Au or Sn over 50u" Ni
Nickel Insulator:Polyester,UL 94 V-0

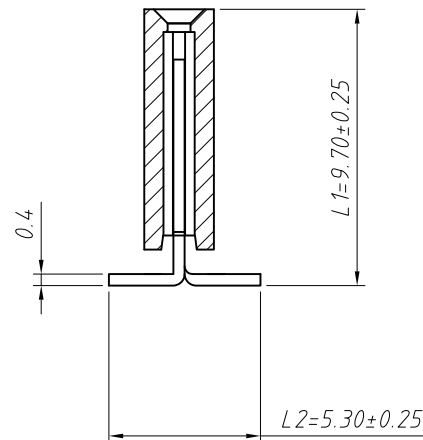
Electrical Characteristics:
Rated Current: 3.0AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 1000V AC/DC
Insulator Resistance: 1000MΩ Min

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

Order Information:

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

L: RoHS
Pin Header Series
208:2.54mm
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	9.70	5.30	8.50
Nonstandard	---	---	---

ANGLE TOLERANCE	PROJECTION	Description:	2.54x8.5mm Female Header Single layer,SMT Pin,1xN Pin
±3°			
GENERAL TOLERANCE	UNITS	mm	KLS P/N:
x.x ±0.30	SHEET SIZE	A4	L-KLS1-208-1-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.

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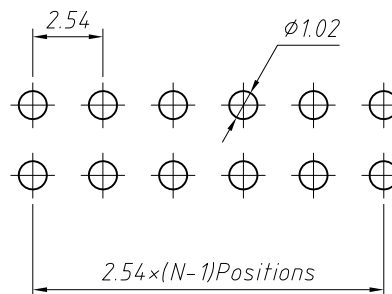
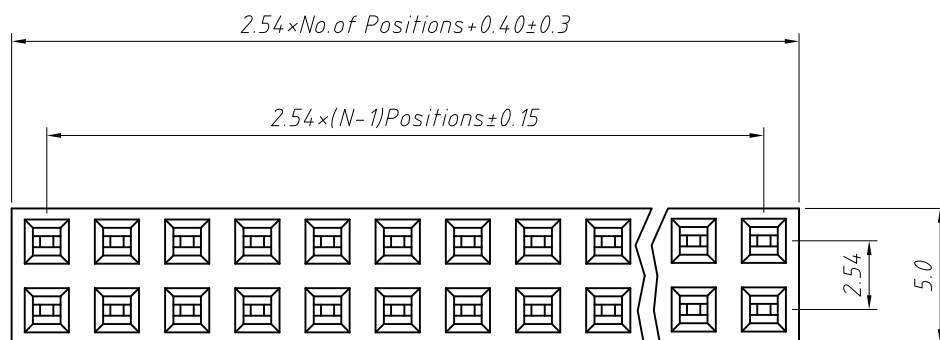
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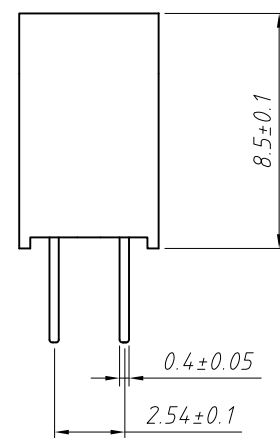
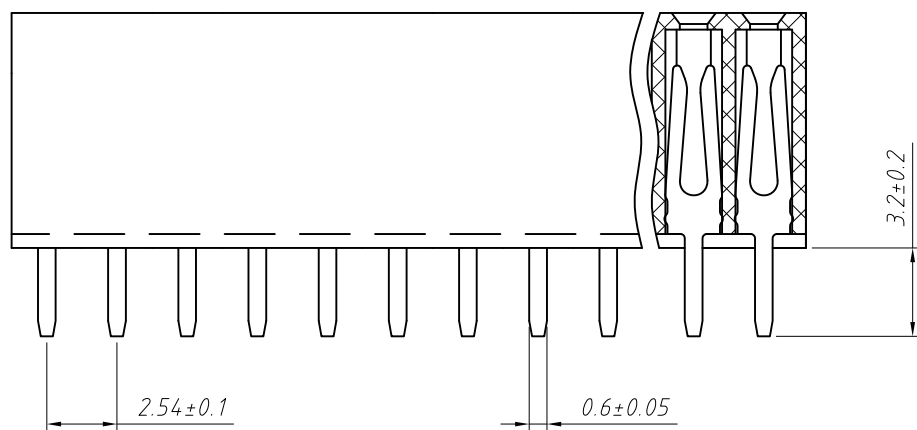
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Recommended PCB Hole Layout



Material:

Standard: PBT/PA6T

Contact: Brass

Contact plating: Gold Flash all over

Nickel Insulator: Polyester, UL 94 V-0

Electrical Characteristics:

Rated Current: 3.0 AMP

Contact Resistance: 20 mΩ Max

Withstand Voltage: 1000 V AC/DC

Insulator Resistance: 1000 MΩ Min

Mechanical

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

Max. Processing Temp: 180°C for 30-60 seconds (200°C for 10 seconds)

Order Information:

L-KLS1-208-2-XX-S-B

L: RoHS

Pin Header Series

208: 2.54 mm

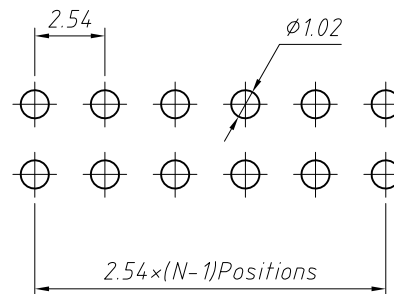
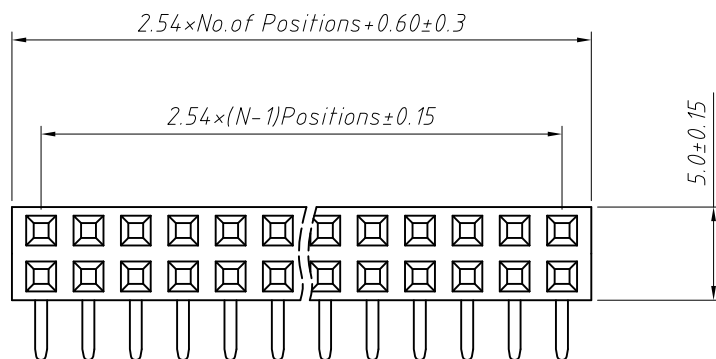
Per Row: Double layer

Pin: No. of Pins (2x40)

Type: Straight Pin

Material: A=PBT B=PA6T C=LCP

ANGLE TOLERANCE		PROJECTION		Description:	2.54x8.5mm Female Header	
$\pm 3^{\circ}$					Double layer, Straight Pin, 2xN Pin	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-208-2-XX-S-B	
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 PCB Hole Layout

Material:

Standard: PBT/PA6T

Contact: Brass

Contact plating: Au or Sn Over Ni

Nickel Insulator: Polyester, UL 94 V-0

Electrical Characteristics:

Rated Current: 3.0AMP

Contact Resistance: 20mΩ Max

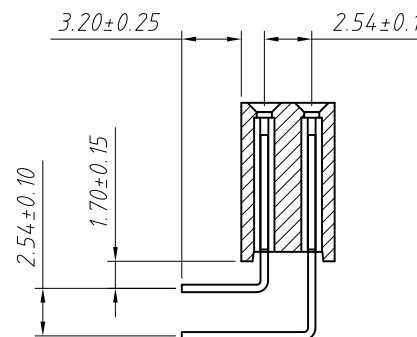
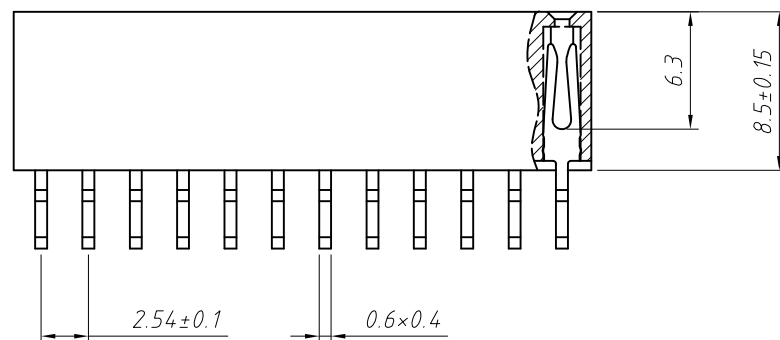
Withstand Voltage: 1000V AC/DC

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-KLS1-208-2-XX-R-B

L: RoHS

Pin Header Series

208: 2.54mm

Per Row: Double layer

Pin: No. of Pins (2x40)

Type: Right Angle Pin

Material: A=PBT B=PA6T C=LCP

ANGLE TOLERANCE	PROJECTION	Description:	2.54x8.5mm Female Header	
±3°			Double layer, Right Angle Pin, 2xN Pin	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-208-2-XX-R-B
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	Daniel	2018-07-10	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.10	Check:	Daniel	2018-07-10	

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RoHS Compliance

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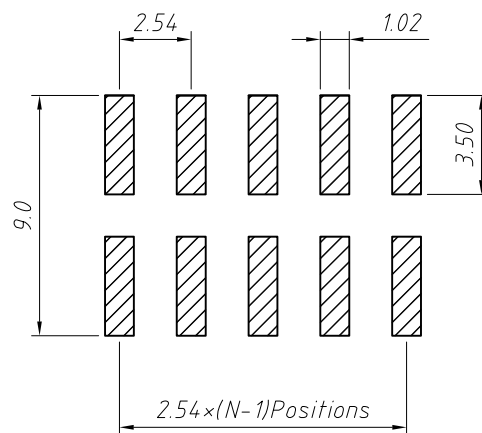
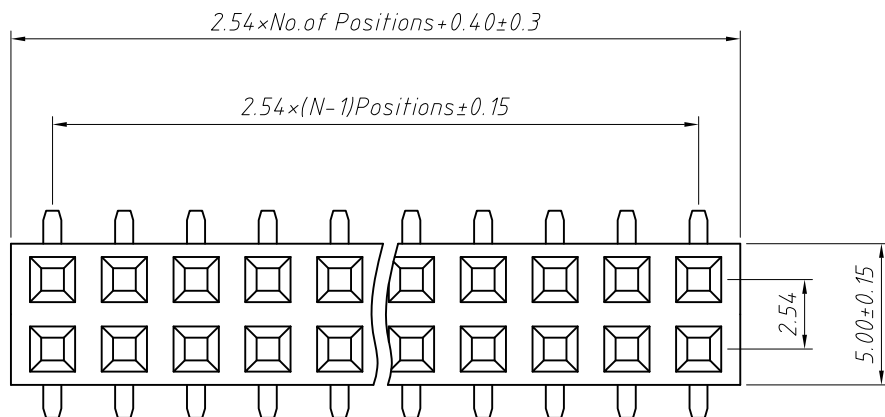
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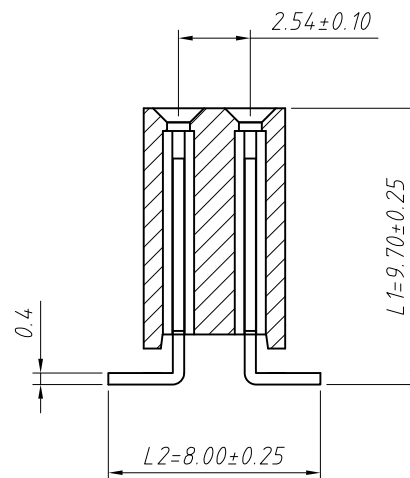
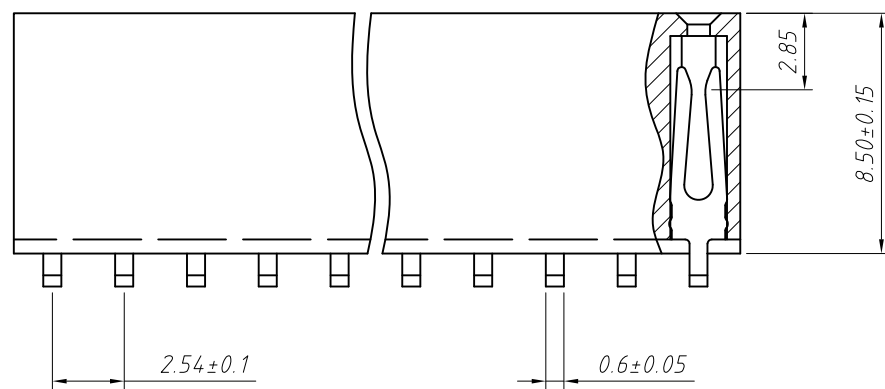
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Recommended PCB Hole Layout



Material:
Standard: PA6T
Contact: Brass
Contact plating: Au or Sn over 50u" Ni
Nickel Insulator: Polyester, UL 94 V-0

Electrical Characteristics:
Rated Current: 3.0AMP
Contact Resistance: 20mΩ Max
Withstand Voltage: 1000V 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-KLS1-208-2-XX-T-L1xL2-B-R

L: RoHS
Pin Header Series
208: 2.54mm
Per Row: Double layer
Pin: No. of Pins (2x40)
SMT Pin:
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	9.70	8.00	8.50
Nonstandard	---	---	---

ANGLE TOLERANCE	PROJECTION	Description:	
±3°		2.54x8.5mm Female Header Double layer, SMT Pin, 2xN Pin	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:
x.x ±0.30	SHEET SIZE	A4	L-KLS1-208-2-XX-T-L1xL2-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.

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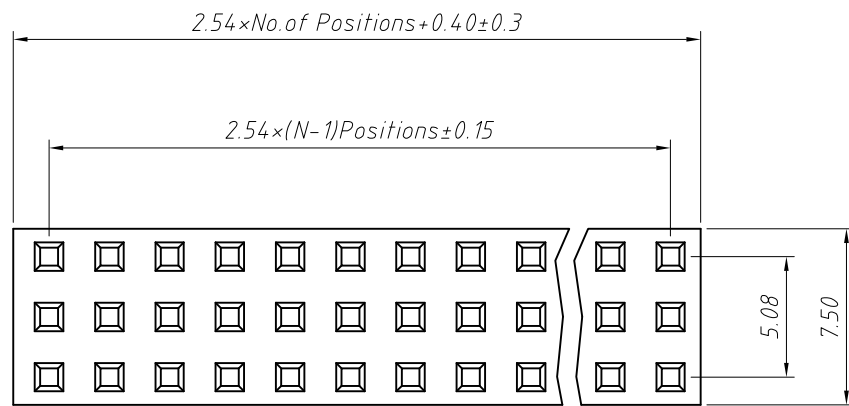
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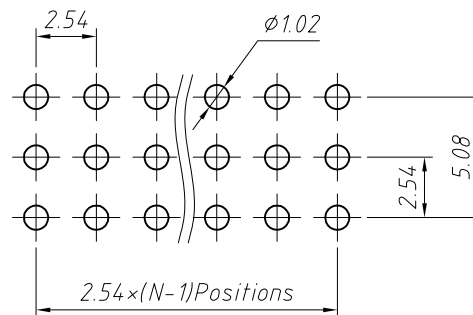
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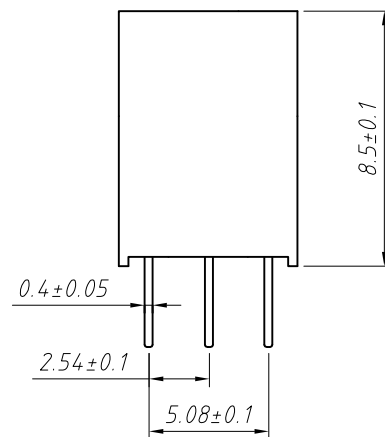
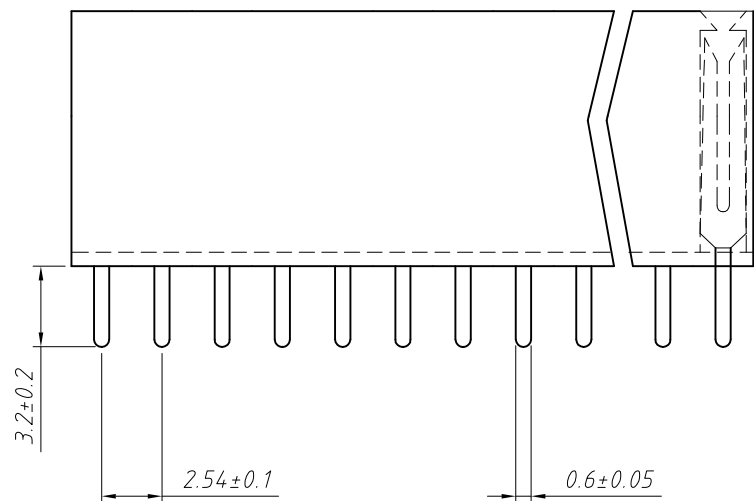
Recommended P.C.Board Layout
PCB TOLERANCE ± 0.05 (TOP VIEW)



Material:
Standard: PBT/PA6T
Contact: Phosphor bronze
Plating: 1u" Min Gold Plating Over All 30u"
Min Nickel Underplating Over All
Insulator: Polyester, UL 94 V-0

Electrical Characteristics:
Rated Current: 3.0AMP
Contact Resistance: $20m\Omega$ Max
Withstand Voltage: 1000V AC/DC
Insulator Resistance: $1000M\Omega$ Min

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

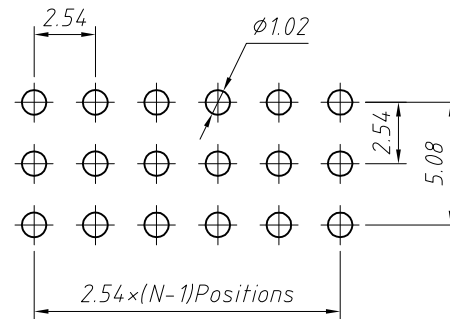
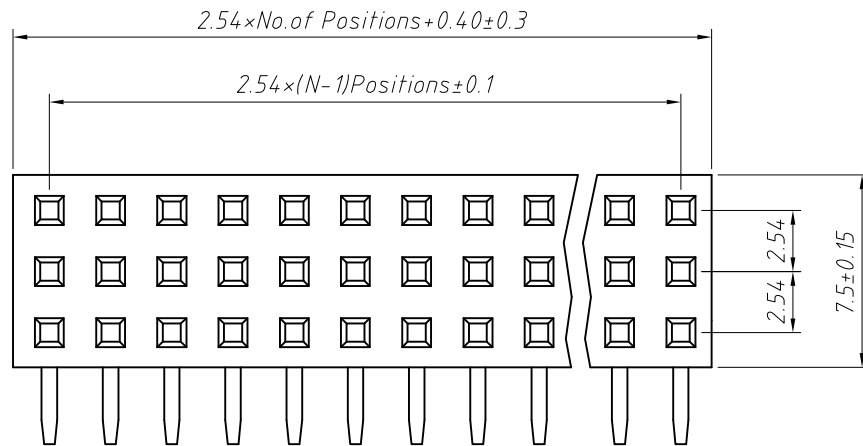


Order Information:

L-KLS1-208-3-XX-S-A

L: RoHS
Pin Header Series
208: 2.54mm
Per Row: Three layer
Pin: No. of Pins (3x40)
Type: Straight Pin
Material: A=PBT B=PA6T C=LCP

ANGLE TOLERANCE	PROJECTION	Description:	2.54x8.5mm Female Header Three layer, Straight Pin, 3xN Pin	
$\pm 3^{\circ}$				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-208-3-XX-S-A
x.x ± 0.30	SHEET SIZE	A4		
x.xx ± 0.20	Draw:	Daniel	2018-07-10	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ± 0.10	Check:	Daniel	2018-07-10	

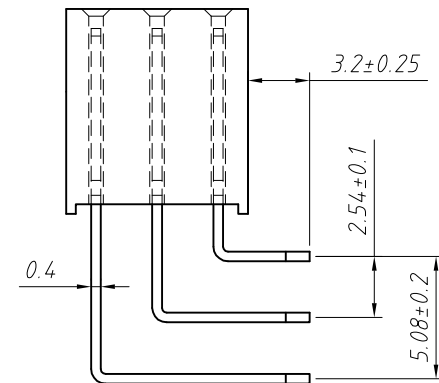
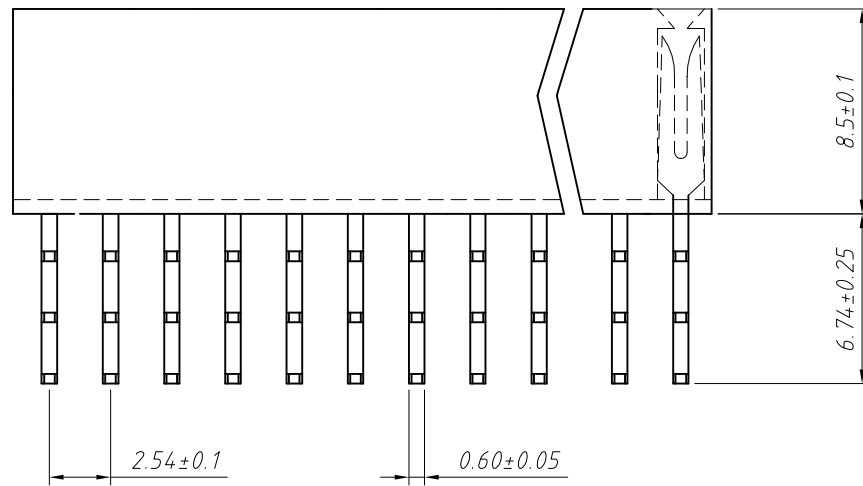


Recommended P.C. Board Layout
PCB TOLERANCE ± 0.05 (TOP VIEW)

Material:
Standard: PBT/PA6T
Contact: Brass
Plating: Au or Sn Over 50u" Ni
Insulator: Polyester, UL 94 V-0

Electrical Characteristics:
Rated Current: 3.0 AMP
Contact Resistance: $20 \text{ m}\Omega$ Max
Withstand Voltage: 1000V AC/DC
Insulator Resistance: $1000 \text{ M}\Omega$ Min

Mechanical
Operating Temperature: $-40^\circ\text{C} \sim +105^\circ\text{C}$
Max. Processing Temp: 180°C for 30-60 seconds (200°C for 10 seconds)



Order Information:
L-KLS1-208-3-XX-R-A
L: RoHS
Pin Header Series
208: 2.54mm
Per Row: Three layer
Pin: No. of Pins (3x40)
Type: Right Angle Pin
Material: A=PBT B=PA6T C=LCP

ANGLE TOLERANCE	PROJECTION	Description:	2.54x8.5mm Female Header	
$\pm 3^\circ$			Three layer, Right Angle Pin, 3xN Pin	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-208-3-XX-R-A
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	



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