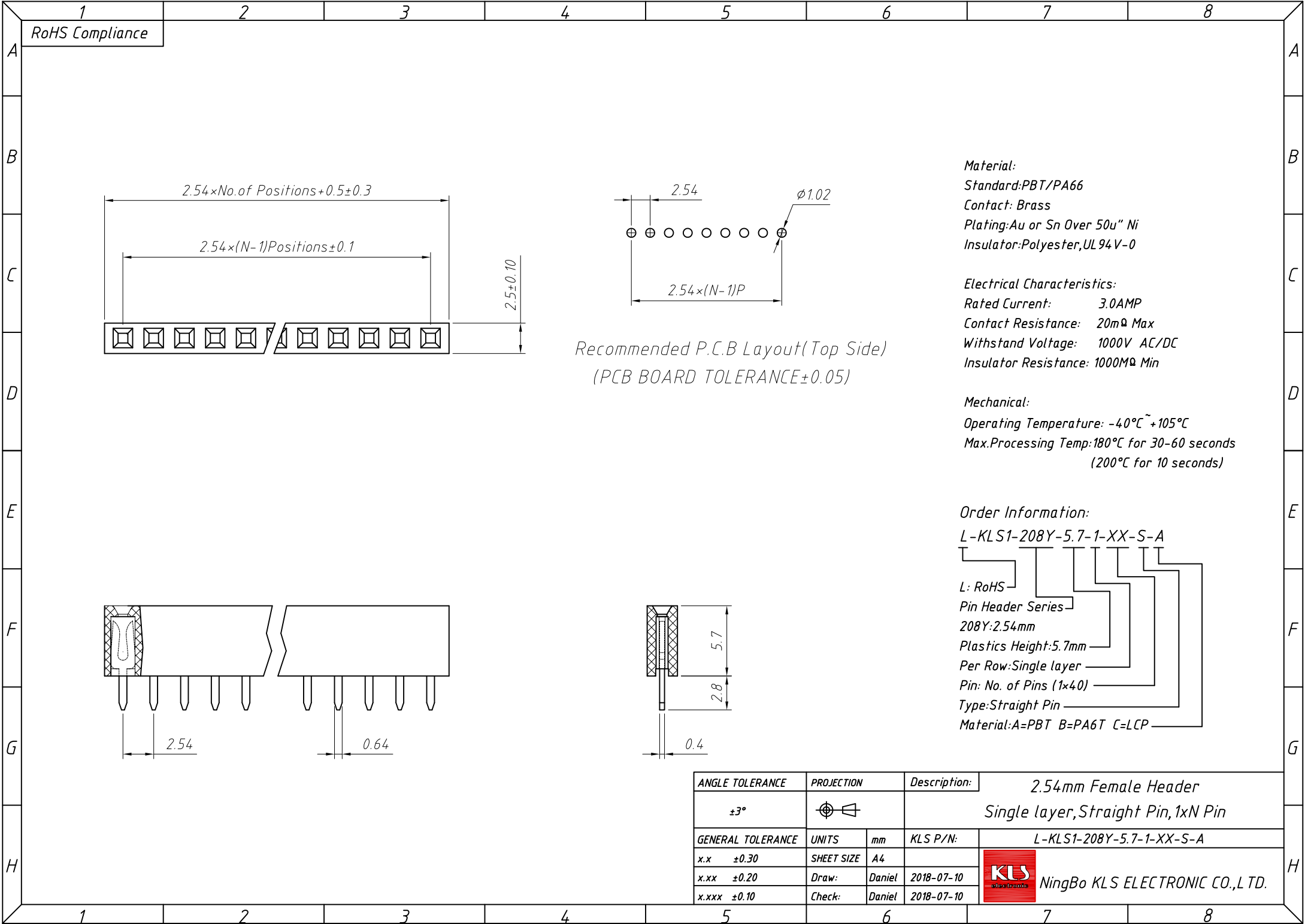


1  
RoHS Compliance



**Material:**  
 Standard: PBT/PA66  
 Contact: Brass  
 Plating: Au or Sn Over 50u" 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:  $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$   
 Max. Processing Temp:  $180^{\circ}\text{C}$  for 30-60 seconds  
 ( $200^{\circ}\text{C}$  for 10 seconds)

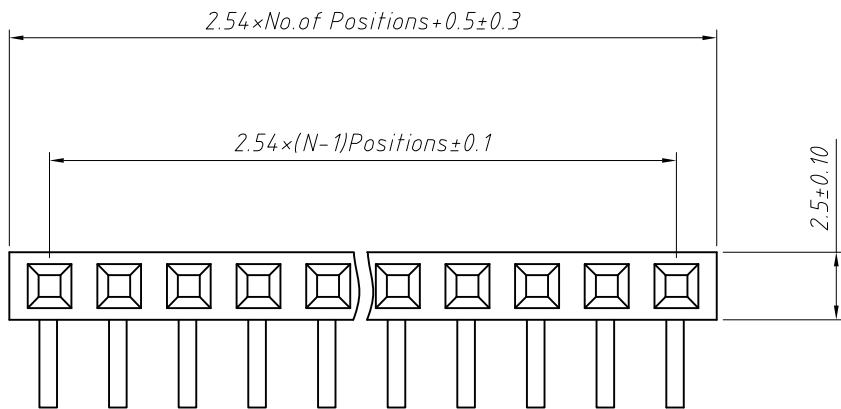
**Order Information:**  
 L-KLS1-208Y-5.7-1-XX-S-A

- L: RoHS
- Pin Header Series
- 208Y: 2.54mm
- Plastics Height: 5.7mm
- Per Row: Single layer
- Pin: No. of Pins (1x40)
- Type: Straight Pin
- Material: A=PBT B=PA6T C=LCP

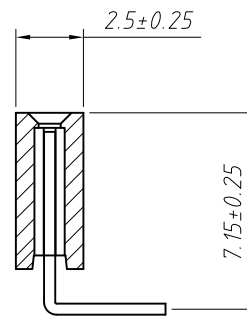
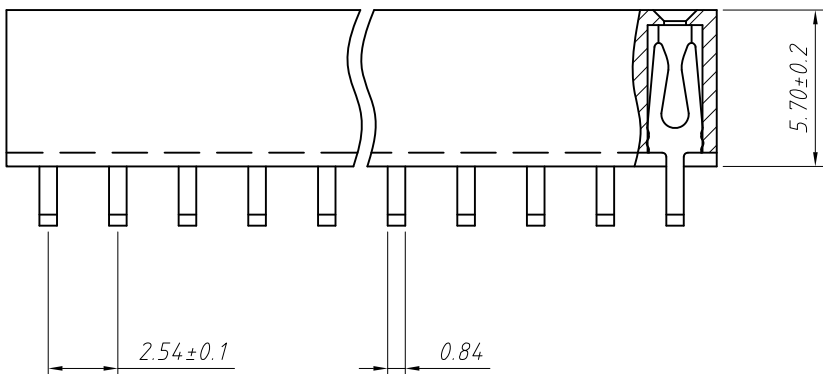
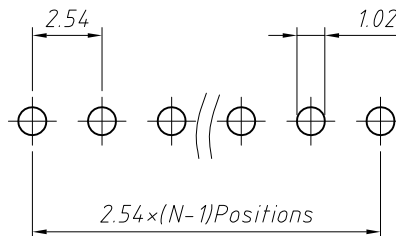
Recommended P.C.B Layout (Top Side)  
 (PCB BOARD TOLERANCE  $\pm 0.05$ )

ANGLE TOLERANCE	PROJECTION	Description:	2.54mm Female Header
$\pm 3^{\circ}$			Single layer, Straight Pin, 1xN Pin
GENERAL TOLERANCE	UNITS	mm	KLS P/N: L-KLS1-208Y-5.7-1-XX-S-A
x.x $\pm 0.30$	SHEET SIZE	A4	NingBo KLS ELECTRONIC CO.,L TD.
x.xx $\pm 0.20$	Draw:	Daniel	
x.xxx $\pm 0.10$	Check:	Daniel	

1 RoHS Compliance



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



**Material:**

Standard: PBT/PA66

Contact: Brass

Contact plating: Au or Sn Over 50u" 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-KLS1-208Y-5.7-1-XX-R-A

L: RoHS

Pin Header Series

208Y: 2.54mm

Plastics Height: 5.7mm

Per Row: Single layer

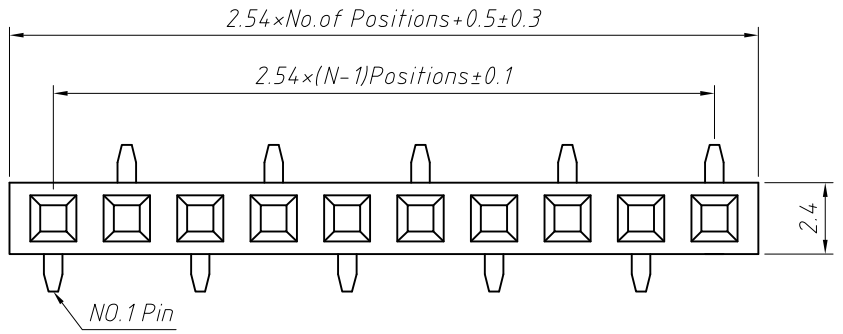
Pin: No. of Pins (1x40)

Type: Right Angle Pin

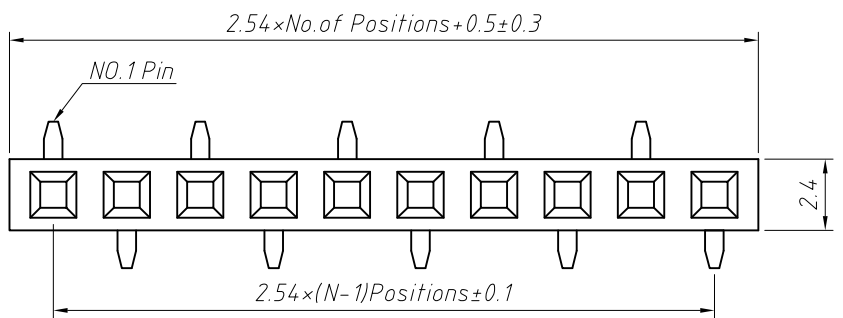
Material: A=PBT B=PA6T C=LCP

ANGLE TOLERANCE	PROJECTION	Description:	2.54mm Female Header
±3°			Single layer, Right Angle Pin, 1xN Pin
GENERAL TOLERANCE	UNITS	mm	KLS P/N: L-KLS1-208Y-5.7-1-XX-R-A
x.x ±0.30	SHEET SIZE	A4	NingBo KLS ELECTRONIC CO.,L TD.
x.xx ±0.20	Draw:	Daniel	
x.xxx ±0.10	Check:	Daniel	

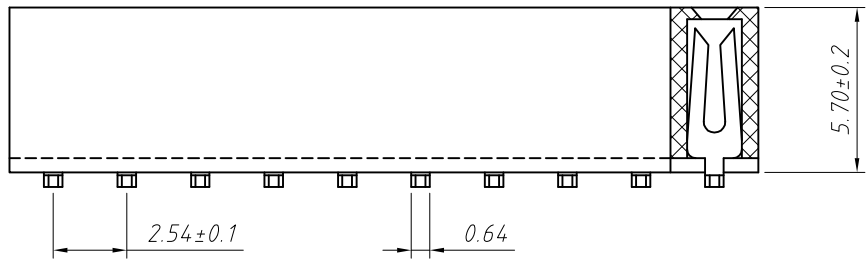
1  
RoHS Compliance



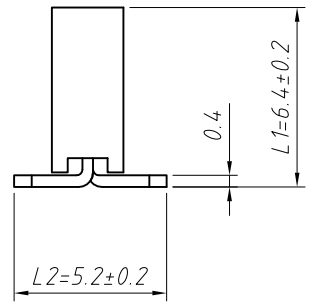
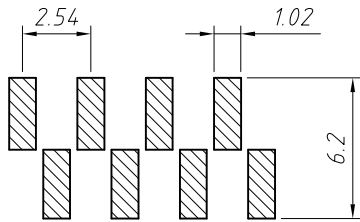
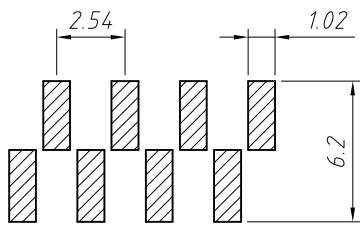
T2 Type



T1 Type



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



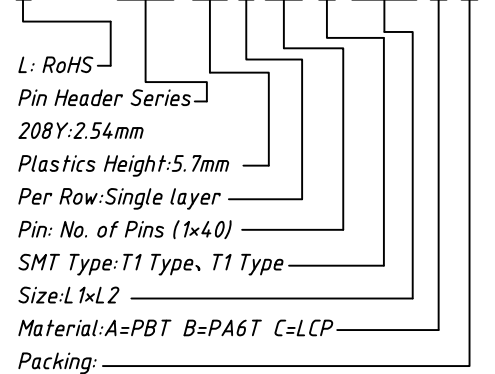
**Material:**  
Standard: PA6T  
Contact: Brass  
Contact plating: Au or Sn Over 50u" Ni  
Insulator: Polyester, UL94V-0

**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: 240°C for 30-60 seconds  
(260°C for 10 seconds)

**Order Information:**

L-KLS1-208Y-5.7-1-XX-T1-L1xL2-B-R

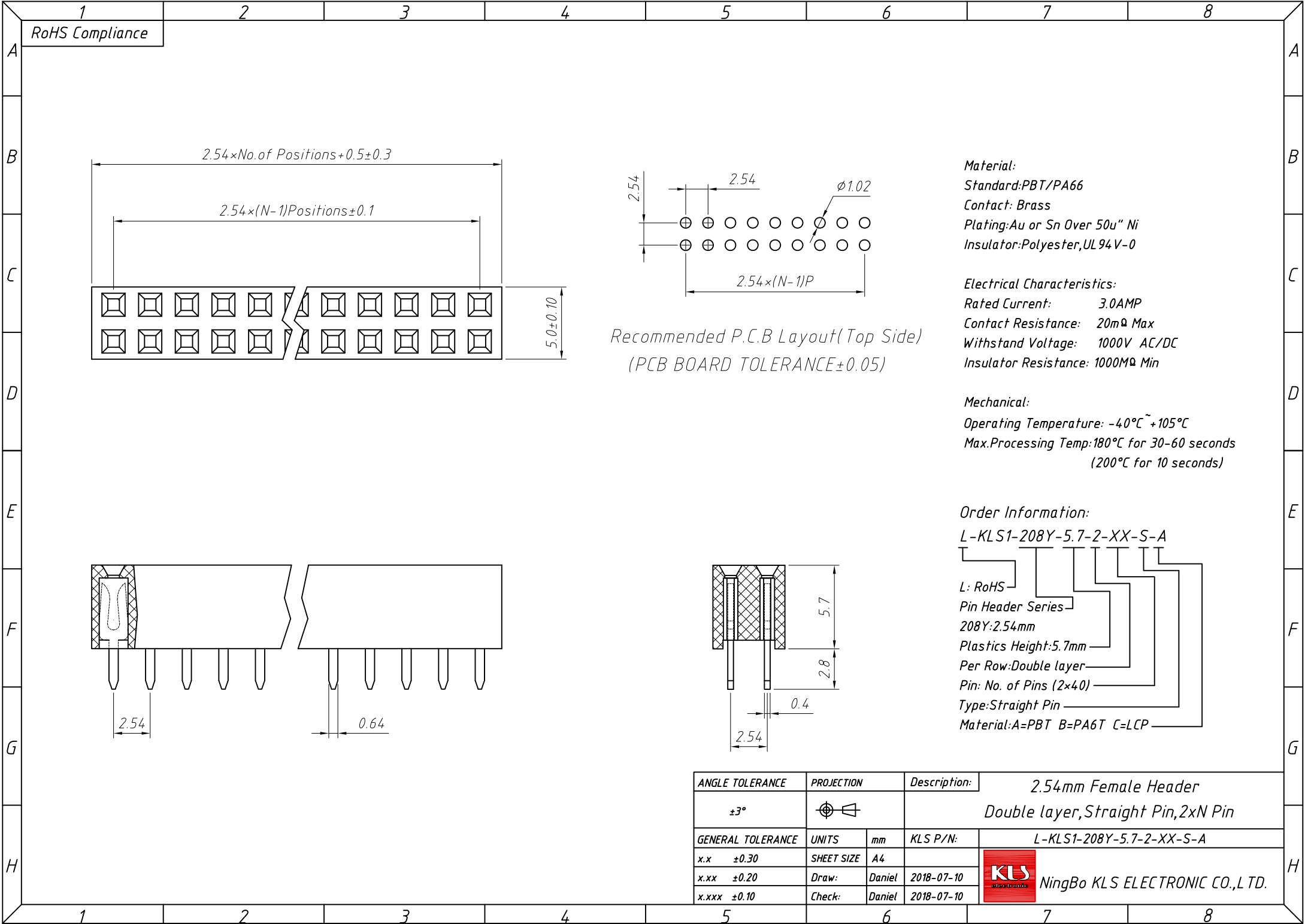


Dimension antitheses list (mm)			
ITEM	L1	L2	Plastic Height
Standard	6.40	5.20	5.70
Nonstandard	---	---	---

ANGLE TOLERANCE	PROJECTION	Description:	2.54mm Female Header Single layer, SMT, 1xN Pin	
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-208Y-5.7-1-XX-T1-L1xL2-B-R
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	

**KLS** NingBo KLS ELECTRONIC CO.,L TD.

1  
RoHS Compliance



Recommended P.C.B Layout (Top Side)  
(PCB BOARD TOLERANCE  $\pm 0.05$ )

**Material:**  
Standard: PBT/PA66  
Contact: Brass  
Plating: Au or Sn Over 50u" Ni  
Insulator: Polyester, UL 94V-0

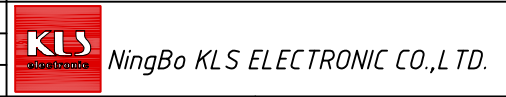
**Electrical Characteristics:**  
Rated Current: 3.0AMP  
Contact Resistance: 20m $\Omega$  Max  
Withstand Voltage: 1000V AC/DC  
Insulator Resistance: 1000M $\Omega$  Min

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

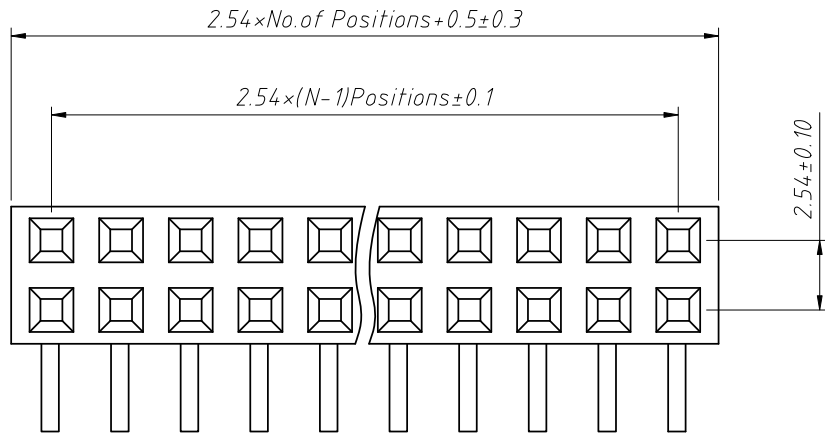
**Order Information:**  
L-KLS1-208Y-5.7-2-XX-S-A

- L: RoHS
- Pin Header Series
- 208Y: 2.54mm
- Plastics Height: 5.7mm
- Per Row: Double layer
- Pin: No. of Pins (2x40)
- Type: Straight Pin
- Material: A=PBT B=PA6T C=LCP

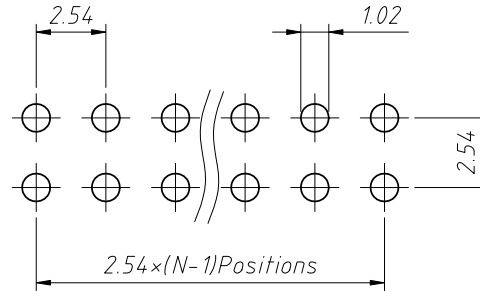
ANGLE TOLERANCE	PROJECTION	Description:	2.54mm Female Header
$\pm 3^{\circ}$			Double layer, Straight Pin, 2xN Pin
GENERAL TOLERANCE	UNITS	mm	KLS P/N:
x.x $\pm 0.30$	SHEET SIZE	A4	L-KLS1-208Y-5.7-2-XX-S-A
x.xx $\pm 0.20$	Draw:	Daniel	2018-07-10
x.xxx $\pm 0.10$	Check:	Daniel	2018-07-10



RoHS Compliance



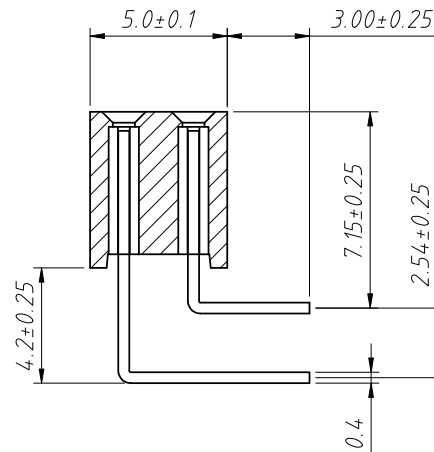
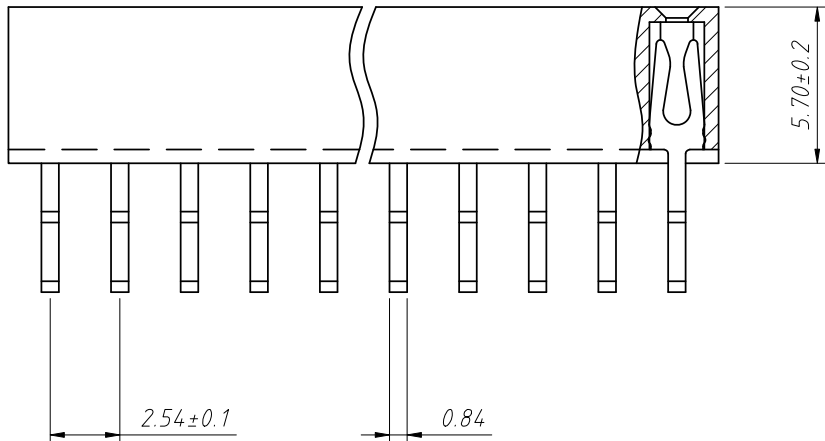
Recommended P.C.B Layout (Top Side)  
(PCB BOARD TOLERANCE ±0.05)



**Material:**  
Standard: PBT/PA66  
Contact: Brass  
Contact plating: Au or Sn Over 50u" Ni  
Insulator: Polyester, UL 94V-0

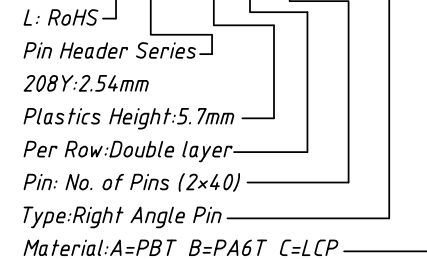
**Electrical Characteristics:**  
Rated Current: 3.0AMP  
Contact Resistance: 20mΩ Max  
Withstand Voltage: 1000V AC/DC  
Insulator Resistance: 1000MΩ Min

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



Order Information:

L-KLS1-208Y-5.7-2-XX-R-A



ANGLE TOLERANCE	PROJECTION	Description:	2.54mm Female Header
±3°			Double layer, Right Angle Pin, 2xN Pin
GENERAL TOLERANCE	UNITS	mm	KLS P/N:
x.x ±0.30	SHEET SIZE	A4	L-KLS1-208Y-5.7-2-XX-R-A
x.xx ±0.20	Draw:	Daniel	2018-07-10
x.xxx ±0.10	Check:	Daniel	2018-07-10



NingBo KLS ELECTRONIC CO.,L TD.

1 RoHS Compliance

A

B

C

D

E

F

G

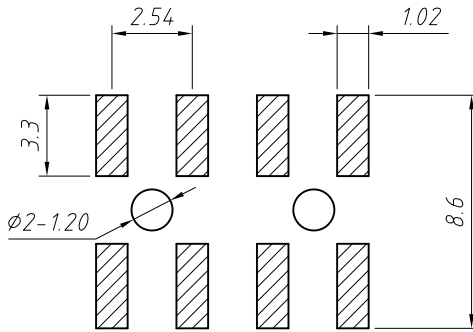
H

$$2.54 \times \text{No. of Positions} + 0.5 \pm 0.3$$

$$2.54 \times (N-1) \text{ Positions} \pm 0.1$$

$$2.54$$

$$1.02$$



Recommended P.C.B Layout (Top Side)  
(PCB BOARD TOLERANCE  $\pm 0.05$ )

Material:

Standard: PA6T

Contact: Brass

Contact plating: Au or Sn Over 50u" Ni

Insulator: Polyester, UL94V-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°C ~ +105°C

Max. Processing Temp: 240°C for 30-60 seconds  
(260°C for 10 seconds)

Order Information:

L-KLS1-208Y-5.7-2-XX-T-L1xL2-B-R

L: RoHS

Pin Header Series

208Y: 2.54mm

Plastics Height: 5.7mm

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:

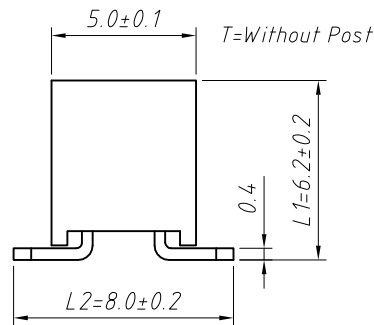
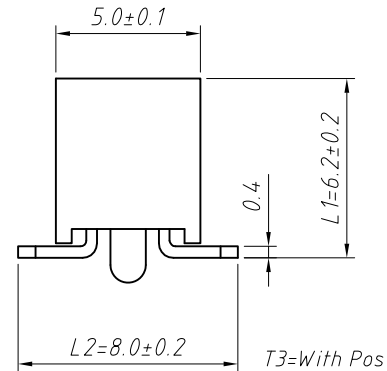
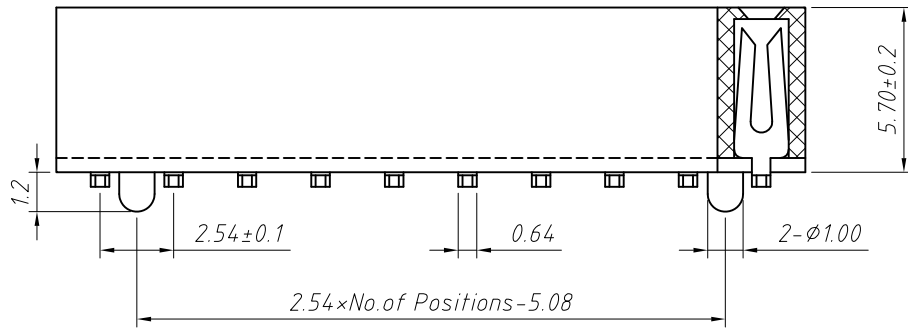
A=Tray

T=Tube

M=Reel+Mylar

P=Tube+Cap

R=Reel+Cap



Dimension antitheses list (mm)

ITEM	L1	L2	Plastic Height
Standard	6.20	8.00	5.70
Nonstandard	---	---	---

ANGLE TOLERANCE	PROJECTION	Description:
$\pm 3^\circ$		2.54mm Female Header Double layer, SMT, 2xN Pin
GENERAL TOLERANCE	UNITS	mm
x.x $\pm 0.30$	SHEET SIZE	A4
x.xx $\pm 0.20$	Draw:	Daniel 2018-07-10
x.xxx $\pm 0.10$	Check:	Daniel 2018-07-10



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