

1  
RoHS Compliance

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A

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C

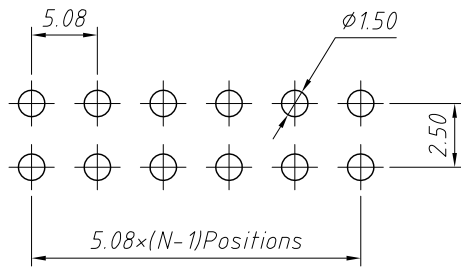
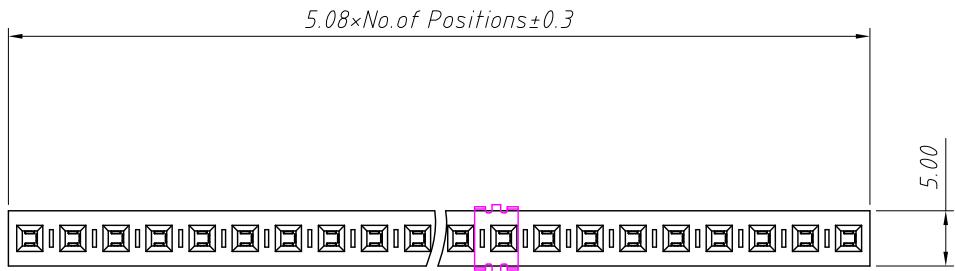
D

E

F

G

H

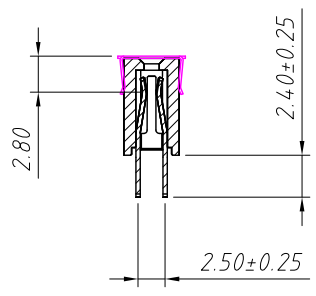
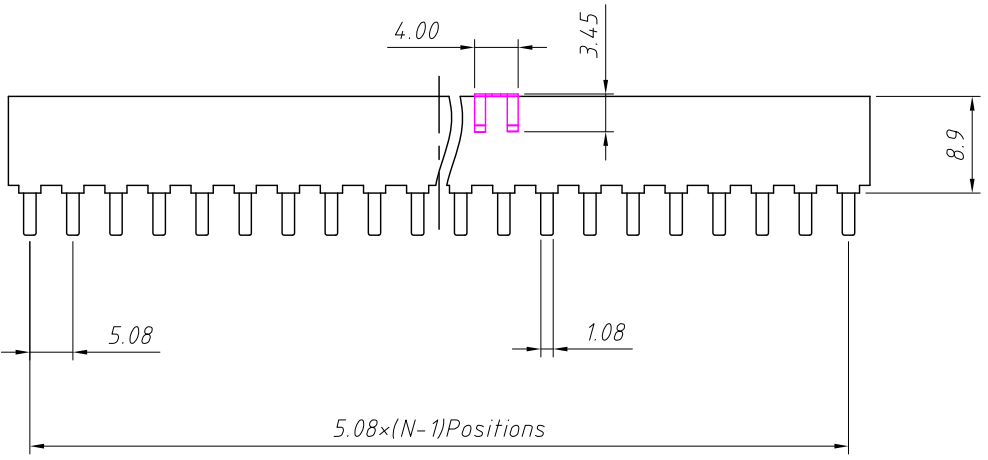


**Material:**  
Standard: PA6T/LCP  
Contact: Brass  
Plating: Au or Sn Over 50u" Ni  
Insulator: Polyester, UL94V-0

**Electrical Characteristics:**  
Rated Current: 7.0AMP  
Contact Resistance: 30mΩ 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)

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



**Order Information:**  
L-KLS1-208F-8.9-1-XX-S-B

L: RoHS  
Female Header Series  
208F: 5.08mm  
Plastics Height: 8.9mm  
Per Row: Single layer  
Pin: No. of Pins (1x40)  
Type: Straight Pin  
PostMaterial:  
A=PBT B=PA6T C=LCP

ANGLE TOLERANCE	PROJECTION	Description:	5.08x8.9mm Female Header Single layer, Straight Pin, 1xN Pin
±3°			
GENERAL TOLERANCE	UNITS	mm	KLS P/N: L-KLS1-208F-8.9-1-XX-S-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.,L TD.

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1 RoHS Compliance

2  $5.08 \times \text{No. of Positions} \pm 0.3$

3  $5.08 \times (N-1) \text{ Positions} \pm 0.2$

4 Recommended PCB Layout (Top Side)  
(PCB Board Tolerance  $\pm 0.05$ )

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

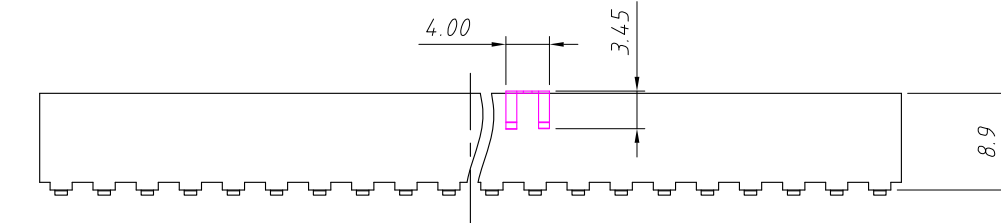
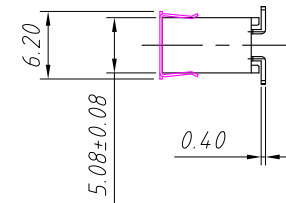
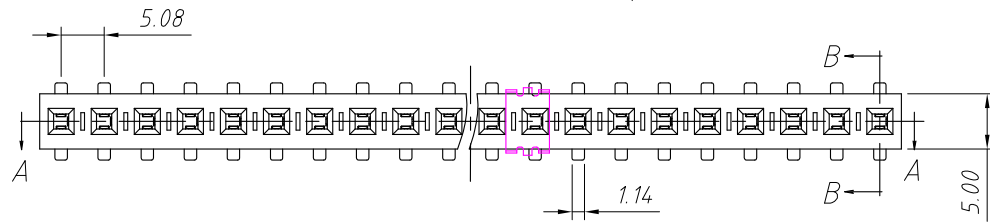
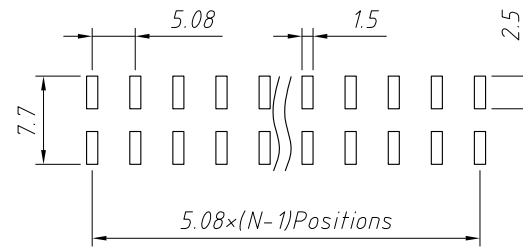
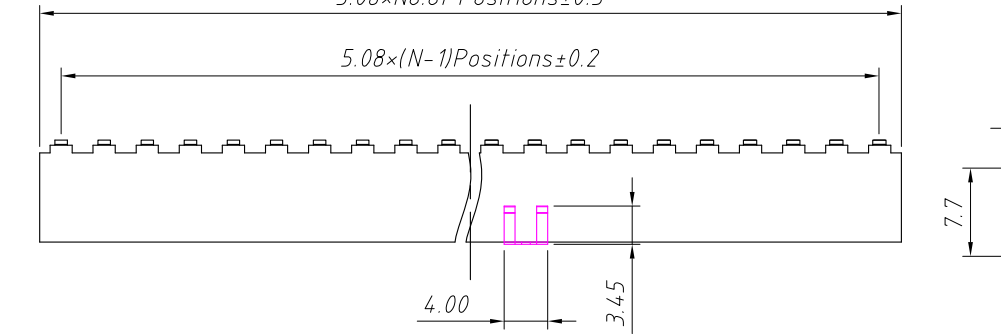
6 Electrical Characteristics:  
Rated Current: 7.0AMP  
Contact Resistance: 30mΩ Max  
Withstand Voltage: 1000V AC/DC  
Insulator Resistance: 1000MΩ Min

7 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)

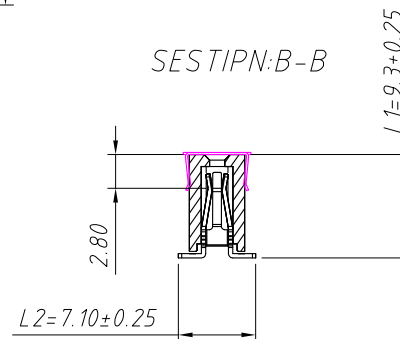
8 Order Information:

L-KLS1-208F-8.9-1-XX-T-L1xL2-C-R

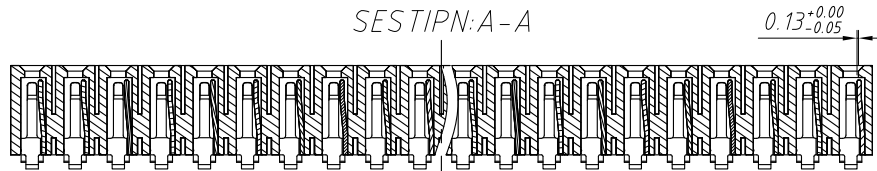
L: RoHS  
Female Header Series  
208F: 5.08mm  
Plastics Height: 8.9mm  
Per Row: Single layer  
Pin: No. of Pins (1x40)  
SMT: T=Without Post, T3=With  
Size: L1xL2  
Post Material: A=PBT B=PA6T C=LCP  
Packing:  
A=Tray T=Tube M=Reel+Mylar  
P=Tube+Cap R=Reel+Cap



SESTIPN: B-B



SESTIPN: A-A



Dimension antitheses list (mm)

ITEM	L1	L2	Plastic Height
Standard	9.30	7.10	8.90
Nonstandard	---	---	---

ANGLE TOLERANCE	PROJECTION	Description:
$\pm 3^{\circ}$		5.08x8.9mm Female Header Single layer, SMT Pin, 1xN 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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