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Specification:

Current Rating : 1AMP

Temperature Range : -40℃to+105℃

Contact Resistance : 20mΩ Max

Insulation Resistance : 1000MΩ Min

Withstanding Voltage : AC 500V

Material:

Insulator : Polyester (UL94V-0)

Standard:PA6T/LCP

Contact: Bronze

Plating : Au or Sn Over 50u" Ni

PCB LAYOUT

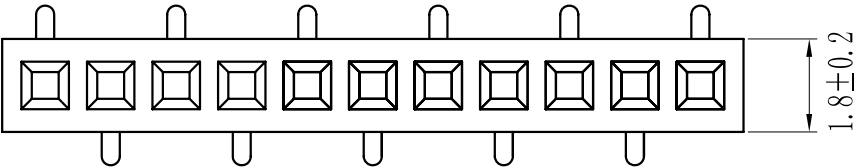
A Type

B Type

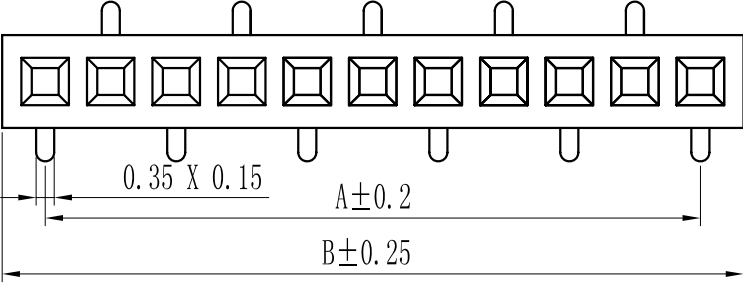
F 12 9S-XXX X X-XX-X-XXX				
① Series No:	② Pitch:	③ Tail&Mounting Style:	④ No. of Pins:	⑤ Insulator Color:
P=Pin Header	08=0.80	90=Right Angle DIP Type	Single Row Double Row	A:Black B:Brom C:Red
F=Female Header	10=1.00	9S=Straight SMT Type	101=1*1Pin 201=2*1Pin	D:Orange E:Yellow F:Green
B=Box Header	12=1.27	0D=Straight DIP Type	102=1*2Pin 202=2*2Pin	G:Blue H:Violet J:Gray
E=Ejector Header	20=2.00	0S=horizontal SMT Type	140=1*40pin 240=2*40pin	K:White P:Light Blue
	25=2.54			
	39=3.96			
	50=5.08			
⑥ Material Type:	⑦ Plating Type:	⑧ RoHS Request:	⑨ Customer Code	
A=PBT	0*-Sn-Au 1*-Ni 2*-Sn 3*-Matte-Tin 5*-Au	0:No Request		
B=PA46	0A-Sn-Au 1u" 0F-Sn-Au 10u" 5A-Au 1u"	1:RoHS		
C=PA6T	0B-Sn-Au 2u" 0G-Sn-Au 15u" 5B-Au 2u"	2:HF(Halogen Free)		
D=PA9T	0C-Sn-Au 3u" 0H-Sn-Au 30u" 5C-Au 3u"			
E=LCP	0D-Sn-Au 4u" 0I-Sn-Au 40u"			
	0E-Sn-Au 5u" 0J-Sn-Au 50u" 5J-Au 50u"			

ROHS

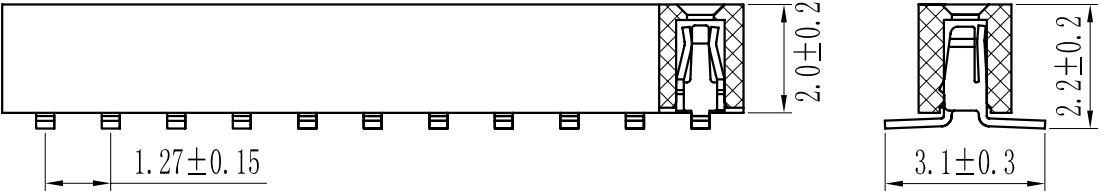
For reference only



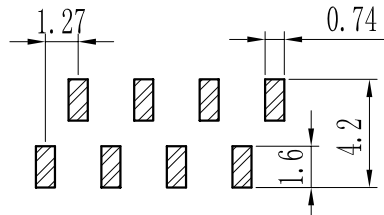
B Type



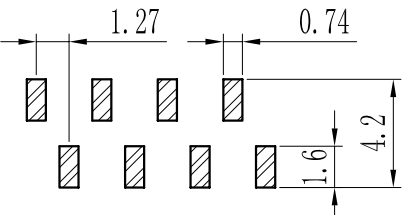
A Type



PCB LAYOUT



A Type



B Type

F 12 9S-XXX X X-XX-X-XXX				
① Series No:	② Pitch:	③ Tail&Mounting Style:	④ No. of Pins:	⑤ Insulator Color:
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B=PA46	0A-Sn-Au 1u" 0F-Sn-Au 10u" 5A-Au 1u"	1:RoHS		
C=PA6T	0B-Sn-Au 2u" 0G-Sn-Au 15u" 5B-Au 2u"	2:HF(Halogen Free)		
D=PA9T	0C-Sn-Au 3u" 0H-Sn-Au 30u" 5C-Au 3u"			
E=LCP	0D-Sn-Au 4u" 0I-Sn-Au 40u"			
	0E-Sn-Au 5u" 0J-Sn-Au 50u" 5J-Au 50u"			

						GENERAL TOLERANCES		SCALE: 1:1		NAME		DATE				PART. NO:	
						LINEAR		ANGLES		APPROVED						DWG. NO:	
						0.0±0.25		X° REF±6°		DESIGNER							
REV.		REVISION RECORD		DATE		UNIT: MM		0.00±0.15		X° ±3°		DRAWN					