



RECOMMENDED PCB LAYOUT

Unless otherwise specified tolerance:

X.	±0.50	X.°	±3°
.X	±0.38	.X°	±2°
.XX	±0.25		

Performance characteristics:

- 1.Main body part material
Insulator: LCP NATURE COLOR UL94V-0
Contact terminal: Phosphor Bronze, Ni 1.27μm Min. Underplated over all.
mate area plating see part number rule, Sn plated at tail
- 2.Electrical requirements:
Contact resistance: ≤50 mΩ
Insulation resistance: ≥1000 MΩ
Withstanding voltage: 1000 Vr.m.s, 1mA, 60s
- 3.Mechanical requirements
Insertion force: ≤0.45N/pin
Extraction force: ≥0.15N/pin
- 4.Environment specification
Working temperature: -55℃~+125℃
- 5.Applicable standard: IEC61076-4-104
- 6.Packing & storing
Method of packing: small box, inner box, outer box
Storing condition: temperature of -10℃~+40℃ below 80% relative humidity
- 7.Style of installation: Solder pcb installation
- 8.To prevent the pollution of the environment product info
RoHS agreement: In line with the european union RoHS

Series code		Model code		Contact pattern code		Tail length code		Plating code		Insulator material&color	
Code		Definition		Code		Definition		Code		Definition	
42		4x12		0		Standard		1		A=2.73	
								2		A=3.53	
								6		Au 0.25μm	
								7		Au 0.38μm	
								8		Au 0.76μm	
								E		PdNi 0.38μm+Gold flash	
								F		PdNi 0.76μm+Gold flash	
								X		Customized	

Mark				File NO.				Signature				Date				HMI Series 2mm Signal Right Angle Female Solder Connector (4x12)				SL0.1794.005			
DRAW				CHK				MAN				STD				APP				Projection			
																				Rev.			
																				Weight			
																				Scale			
																				Sheet 1			
																				1 of 1			
																				SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			