



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

1794 - 41 0- X X - X

Series code	Model code	Contact pattern code	Tail length code	Plating code	Insulator material&color
Code	Definition	Code	Definition	Code	Definition
41	4x6	0	Non Definition	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

Code	Definition
6	Contact plating
7	Tail plating
8	
E	
F	
X	Customized

Code	Definition
N	LCP Nature UL94V-0
X	Customized

Mark	NO.	File NO.	Signature	Date
DRAW		刘华玉	2012.05.17	
CHK				
MAN				
STD				
APP				

HMI Series 2mm Signal Right Angle Female Solder Connector (4x6)			
1794-410-XX-X			

SL0.1794.003			
Projection	Rev.	Weight	Scale
	A0		
Sheet 1		1 of 1	

SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.