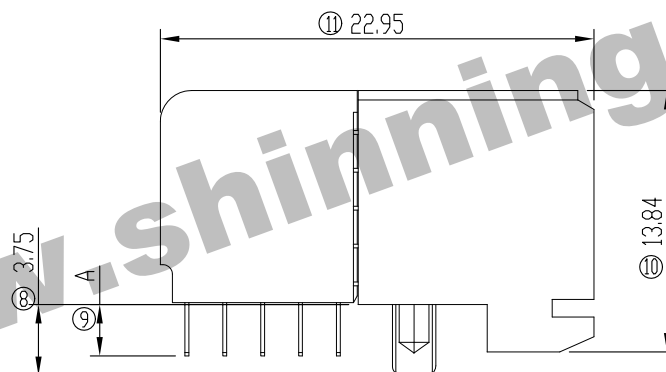
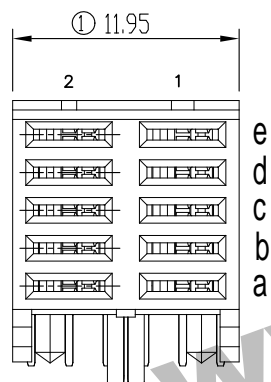
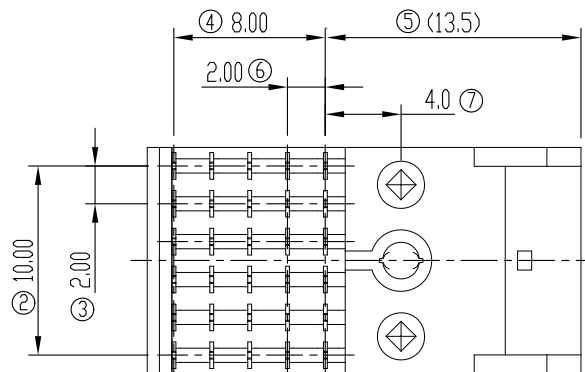


RECOMMENDED PCB LAYOUT



Performance characteristics:

1. Main body part material
Insulator: LCP NATURE COLOR UL94V-0
Contact terminal: Copper Alloy, Ni 1.27 μ m Min. Underplated over all.
mate area plating see part number rule, Sn plated at tail
2. Electrical requirements:
Insulation resistance: ≥ 1000 M Ω
Withstanding voltage: 1000 Vr.m.s, 1mA, 60s
3. Environment specification
Working temperature: -55 $^{\circ}$ C ~ +125 $^{\circ}$ C
4. Applicable standard: IEC61076-4-104
5. Packing & storing
Method of packing: small box, inner box, outer box
Storing condition: temperature of -10 $^{\circ}$ C ~ +40 $^{\circ}$ C below 80% relative humidity
6. Style of installation: Solder pcb installation
7. To prevent the pollution of the environment product info
RoHS agreement: In line with the european union RoHS

1796 - 52 X - X X - X

Series code

Code	Definition
52	5x2

Code	Definition
0	Non Definition

Code	Definition
3	A=2.73
4	A=3.53

Plating code		
Code	Definition	
	Contact plating	Tail plating
6	Au 0.25 μm	Sn
7	Au 0.38 μm	
8	Au 0.76 μm	
E	PdNi 0.38 μm+Gold flash	
F	PdNi 0.76 μm+Gold flash	
X	Customized	

Insulator material&color	
Code	Definition
N	LCP Nature UL94V-0

Unless otherwise specified tolerance:

X.	± 0.50	X.°	$\pm 3^{\circ}$
.X	± 0.38	.X°	$\pm 2^{\circ}$
.XX	± 0.25		

Mark	NO.	File NO.	Signature	Date	HM1 Series 2mm Signal Right Angle Female Solder Power Connector (5x2)	SL0.1796.002			
DRAW			Lawrence	2014.12.01		Projection	Rev.	Weight	Scale
CHK							A0		
MAN						All Dimensions in mm Sheet 1 of 1			
STD					1796-520-XX-N	SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			
APP									