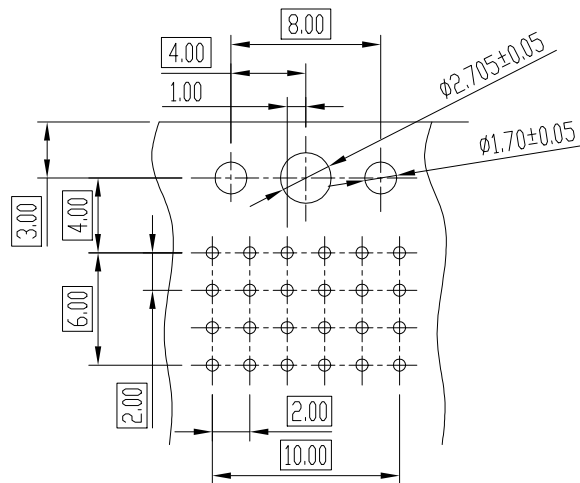
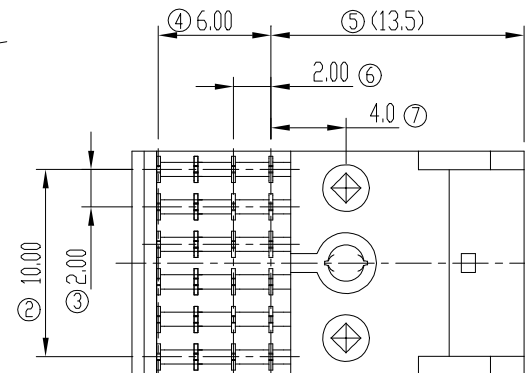




RECOMMENDED PCB LAYOUT



Performance characteristics:

1.Main body part material

Insulator: LCP NATURE COLOR UL94V-0

② 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: $\geq 1000 \text{ M}\Omega$

Withstanding voltage: 1000 Vr.m.s, 1mA, 60s

3.Environment specification

Working temperature: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$

4. Applicable standard: IEC61076-4-104

5. Packing & storing

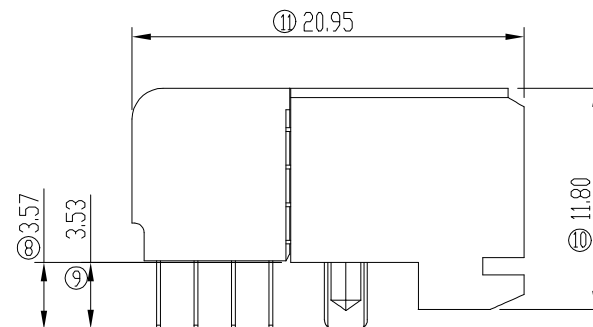
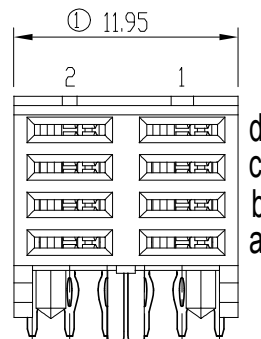
Method of packing: small box, inner box, outer box

Storing condition: temperature of $-10^{\circ}\text{C}\sim+40^{\circ}\text{C}$ below 80% relative humidity

6.Style of installation: Press fit pcb installation

7.To prevent the pollution of the environment product info

RoHS agreement: In line with the european union RoHS



1796 - 42 0- 2 X - N

Series code	Model code	Contact pattern code	Tail length code	Plating code	Insulator material&color
	Code Definition	Code Definition	Code Definition	Code Definition	Code Definition
	42 4x2	0 Non Definition	2 3.53		N LCP Nature UL94V-0
				Code Definition	
				Contact plating	Tail plating
				6 Au 0.25 μm	Sn
				7 Au 0.38 μm	
				8 Au 0.76 μm	
②				E Au 0.38 μm or PdNi 0.38 μm+Gold flash	
③				F Au 0.76 μm or PdNi 0.76 μm+Gold flash	

Unless otherwise specified tolerance:

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

					HM1 Series 2mm Signal Right Angle Female Press fit Power Connector (4x2)	SLO.1796.001				
②	2	522090	Jiangbo Liu	2021.06.27		Projection	Rev.	Weight	Scale	
Mark	NO.	File NO.	Signature	Date			A1			
DRAW		LAWRENCE 2014.12.01					All Dimensions in mm		Sheet 1 of 1	
CHK	Lawrence 2021.08.11						 SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			
MAN										
STD	Juanli lai 2021.08.13				1796-420-2X-N					
APP	Alan 2021.08.13									