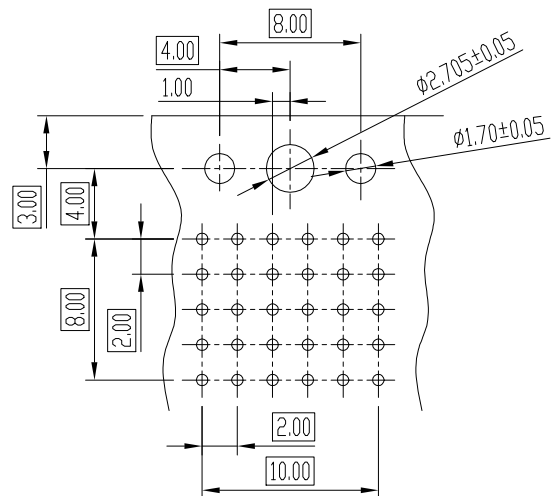
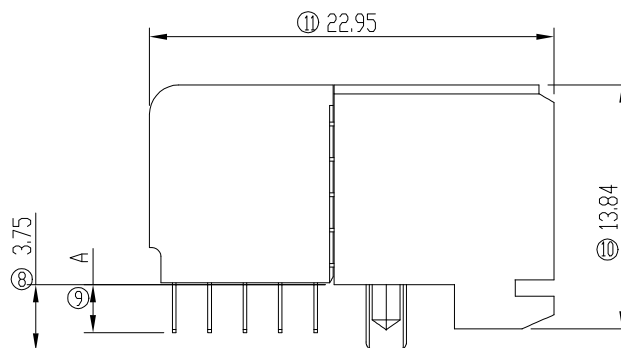
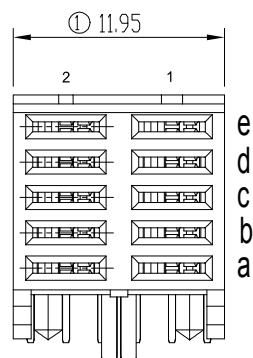
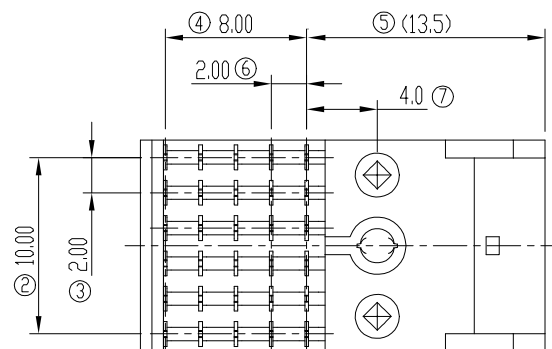




RECOMMENDED PCB LAYOUT



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	
6	Au 0.25 μ m	Sn
7	Au 0.38 μ m	
8	Au 0.76 μ m	
E	Au 0.38 μ m or PdNi 0.38 μ m+Gold flash	
F	Au 0.76 μ m or PdNi 0.76 μ m+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		

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

						SLO. 1796.002			
②	2	522090	Jiangbo Liu	2021.06.27	HM1 Series 2mm Signal Right Angle Female Solder Power Connector (5x2)	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								
MAN									
STD	Juanli lai 2021.08.13								
APP	Alan 2021.08.13				1796-520-XX-N	 SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			