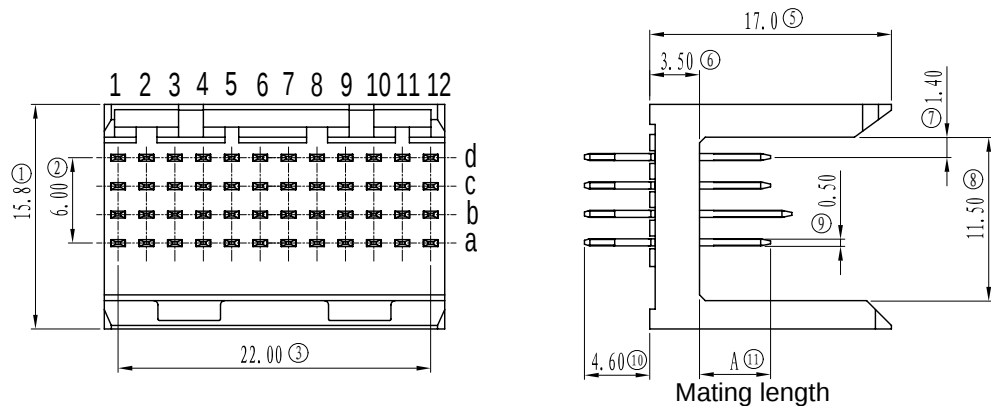




CODE	DIM "A"
1	5.00
2	5.75
3	6.50
4	7.25
5	8.00

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.Environment specification

Working temperature: -55℃~+125℃

4.Applicable standard: IEC61076-4-104

5.Packing & storing

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

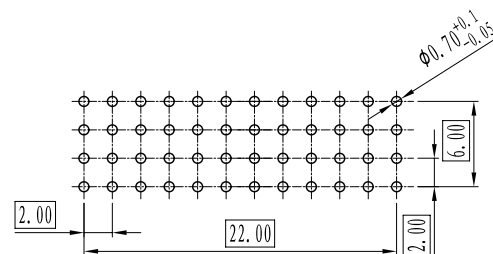
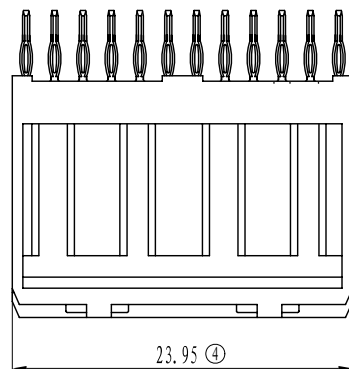
Storing condition: temperature of -10℃~+40℃

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



RECOMMENDED PCB LAYOUT

Contact pattern code	D											
	CONTACT CODE											
ROW	1	2	3	4	5	6	7	8	9	10	11	12
d	1	1	1	1	1	1	1	1	1	1	1	1
c	1	1	1	1	1	1	1	1	1	1	1	1
b	3	3	3	3	3	3	3	3	1	1	1	1
a	1	1	1	1	1	1	1	1	1	1	1	1

Contact Loading pattern

Unless otherwise specified tolerance:

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

i791- 42 X- X X - X

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	Code	Definition
42	4x12			D	see Contact Loading pattern table	1	4.60	6	Au 0.25μm	N	LCP Nature UL94V-0
				X	Customized	X	Customized	7	Au 0.38μm	X	Customized
								8	Au 0.76μm		
								E	PdNi 0.38μm+Gold flash		
								F	PdNi 0.76μm+Gold flash		
								X	Customized		

Mark					HM1 Series 2mm Signal Right Angle Male Press fit Connector (4x12)		wrj-i791			
NO.	File NO.	Signature	Date				Projection	Rev.	Weight	Scale
DRAW		刘华玉	2012.07.25					A0		
CHK										
MAN										
STD										
APP										
					i791-42x-xx-x		Sheet 1 1 of 1			
							深圳市威尔杰电子有限公司			