

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 UL94V-0

Contact terminal: Phosphor Bronze, Ni 1.27 μ m Min. Underplated over all mate area plating see part number rule, Sn plated at tail

2.Electrical requirements:

Contact resistance: ≤ 50 m Ω

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

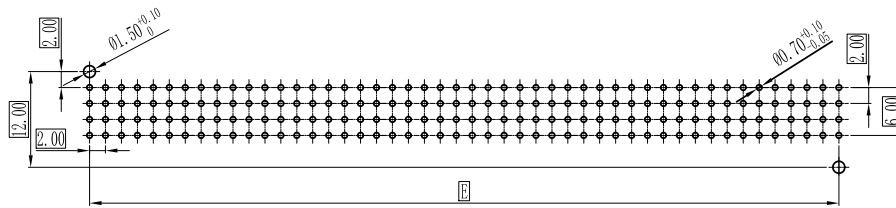
Storing condition: temperature of -10 $^{\circ}$ C~+40 $^{\circ}$ C
below 80% relative humidity

6.Style of installation: Press-fit pcb installation

7.To prevent the pollution of the environment product info

RoHS agreement: In line with the european union RoHS

NUMBER OF CONTACTS	DIM. "C"	DIM. "D"	DIM. "E"
4X06PIN	10.00	11.95	10.00
4X12PIN	22.00	23.95	22.00
4X18PIN	34.00	35.95	34.00
4X24PIN	46.00	47.95	46.00
4X30PIN	58.00	59.95	58.00
4X36PIN	70.00	71.95	70.00
4X42PIN	82.00	83.95	82.00
4X48PIN	94.00	95.95	94.00



RECOMMENDED PCB LAYOUT

Contact pattern code	1
ROW	1 2 3 4 5 X X X X X X N
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	1 1 1 1 1 1 1 1 1 1 1 1
a	1 1 1 1 1 1 1 1 1 1 1 1

Contact pattern code	2
ROW	1 2 3 4 5 X X X X X X N
d	2 2 2 2 2 2 2 2 2 2 2 2
c	2 2 2 2 2 2 2 2 2 2 2 2
b	2 2 2 2 2 2 2 2 2 2 2 2
a	2 2 2 2 2 2 2 2 2 2 2 2

Contact pattern code	3
ROW	1 2 3 4 5 X X X X X X N
d	3 3 3 3 3 3 3 3 3 3 3 3
c	3 3 3 3 3 3 3 3 3 3 3 3
b	3 3 3 3 3 3 3 3 3 3 3 3
a	3 3 3 3 3 3 3 3 3 3 3 3

Contact pattern code	4
ROW	1 2 3 4 5 X X X X X X N
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 3 3 3 3
a	1 1 1 1 1 1 1 1 1 1 1 1

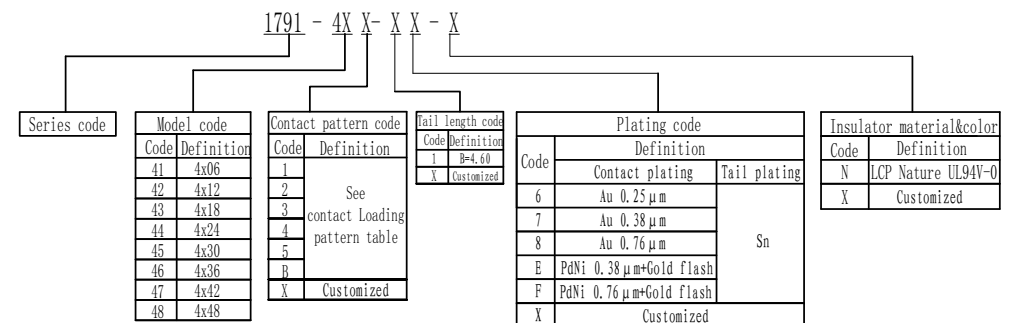
Contact pattern code	5
ROW	1 2 3 4 5 X X X X X X N
d	3 3 3 3 3 3 3 3 3 3 3 3
c	4 4 4 4 4 4 4 4 4 4 4 4
b	4 4 4 4 4 4 4 4 4 4 4 4
a	5 5 5 5 5 5 5 5 5 5 5 5

Contact pattern code	B
ROW	1 2 3 4 5 X X X X X X N
d	3 3 3 3 3 3 3 3 3 3 3 3
c	3 3 3 3 3 3 3 3 3 3 3 3
b	3 3 3 3 3 3 3 3 3 3 3 3
a	3 3 3 3 3 3 3 3 3 3 3 3

Contact Loading pattern

Unless otherwise specified tolerance:

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



Mark	NO.	File NO.	Signature	Date	HMI Series 2mm Signal Right Angle Male Press Fit Connector				SLO. 1791.010			
DRAW			Jiangbo Liu	2018.12.24					Projection	Rev.	Weight	Scale
CHK			Lawrence	2019.3.15						A0		
MAN									All Dimensions in mm Sheet 1 of 1			
STD			Spring	2019.3.15								
APP			Alan	2019.3.15								
					1791-4XX-XX-X				SHINNING SHENZHEN SHINNING ELECTRONIC CO.LTD.			