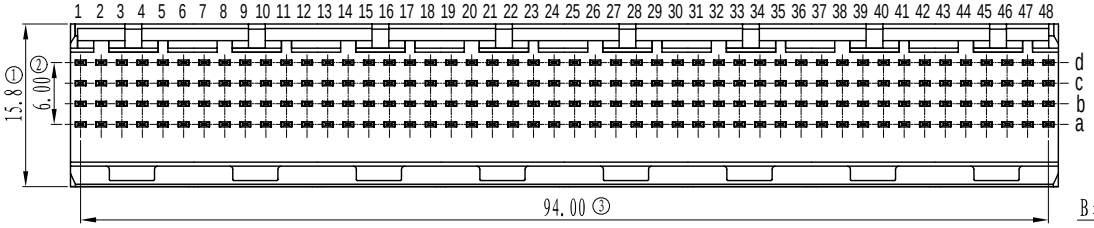
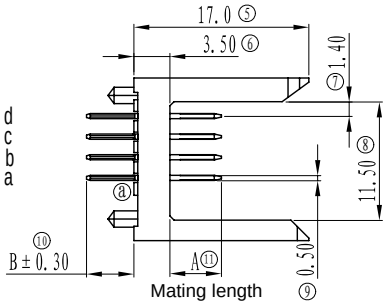
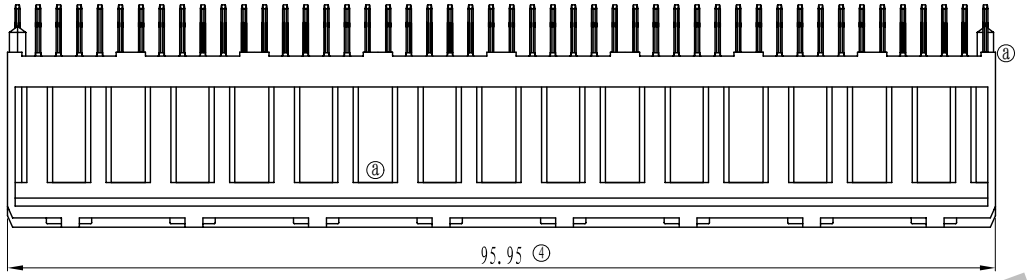


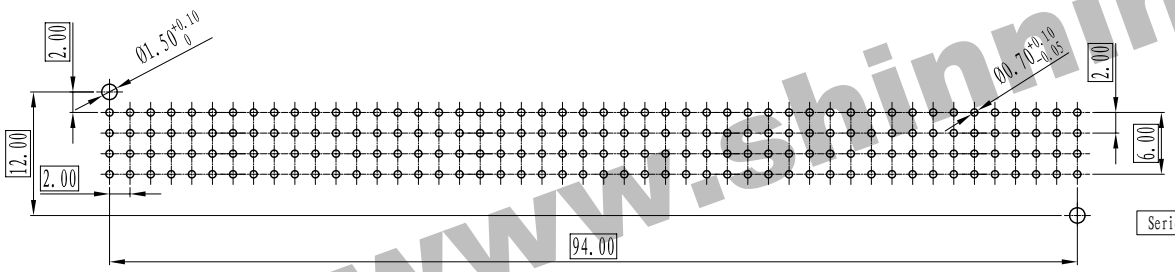




CODE	DIM "A"
1	5.00
2	5.75
3	6.50
4	7.25
5	8.00

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: Solder pcb installation
7. To prevent the pollution of the environment product info
   RoHS agreement: In line with the european union RoHS



RECOMMENDED PCB LAYOUT

1793 - 48 X - X X - X

Series code

Model code	
Code	Definition
48	4x48

Contact pattern code	
Code	Definition
1	see Contact Loading pattern table
2	
3	
4	
X	Customized

Tail length code	
Code	Definition
1	B=4.60
2	B=2.73
X	Customized

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

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

Contact pattern code	1												
ROW	CONTACT CODE												
	1	2	3	4	5	6	7	43	44	45	46	47	48
d	1	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	1
b	1	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	1

Contact pattern code	3												
ROW	CONTACT CODE												
	1	2	3	4	5	6	7	43	44	45	46	47	48
d	3	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	3
b	3	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	3

Contact pattern code	2												
ROW	CONTACT CODE												
	1	2	3	4	5	6	7	43	44	45	46	47	48
d	2	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	2
b	2	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	2

Contact pattern code	4												
ROW	CONTACT CODE												
	1	2	3	4	5	6	7	43	44	45	46	47	48
d	3	3	1	1	1	1	1	1	1	1	1	3	3
c	3	3	1	1	1	1	1	1	1	1	1	3	3
b	3	3	1	1	1	1	1	1	1	1	1	3	3
a	3	3	1	1	1	1	1	1	1	1	1	3	3

Contact Loading pattern

Unless otherwise specified tolerance:

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

ⓐ	4	SN-00001845	刘华玉	2012.04.25	HM1 Series 2mm Signal Right Angle Male Solder Connector (4x48)
Mark	NO.	File NO.	Signature	Date	
DRAW		kai liu 2010.07.21			
CHK					
MAN					
STD					1793-48X-XX-X
APP					

Alan2012.5.22
Helen2012.5.24
Zhijian Jiang

SL0.1793.001

Projection	Rev.	Weight	Scale
	A1		

Sheet 1 | 1 of 1

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