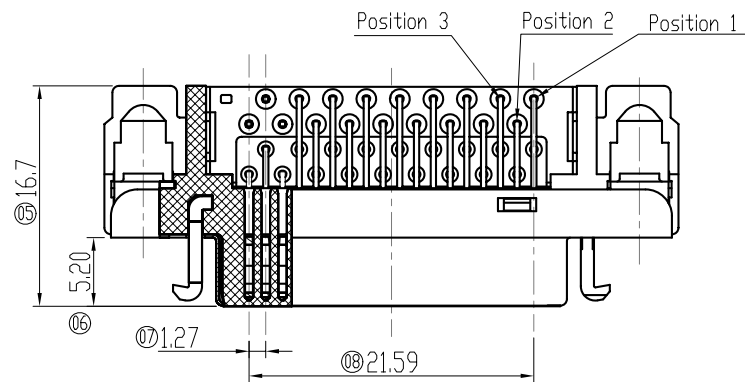
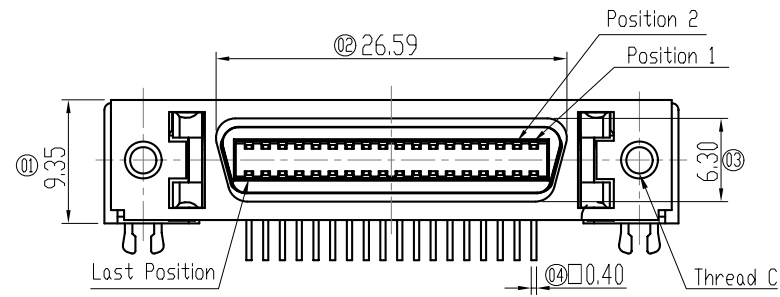
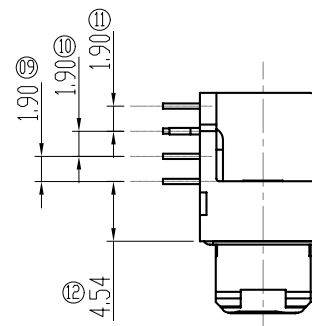


RECOMMENDED PCB LAYOUT



Performance characteristics:

1.Main body part material

Insulator: see part number rule

Contact terminal: phosphor bronze, Ni under plated,
outer plating see part number rule

Shell: SPCC,plating Ni

Board Lock: Brass,plating Sn

Hook: SPCC,plating Ni

2.Electrical requirements:

Current rating: 1 A

Contact resistance: $\leq 35 \text{ m}\Omega$

Insulation resistance: $\geq 500 \text{ M}\Omega$

Withstanding voltage: 500 Vr.m.s, 1mA, 60s

3.Environment specification

Working temperature: $-55^\circ\text{C} \sim +85^\circ\text{C}$

4.Packing & storing

Method of packing: tray , inner box, outer box

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

5.Style of installation: solder pcb installation

6.To prevent the pollution of the environment product

info: In line with the european union RoHS

Series code		Terminal number		Spec code		Type code			Plating code			Insulator material & color	
1865		36		2		X X - X							
Code	Definition	Contact tail DIM(A)		Lock tail DIM(B)		Lock thread(C)		Code	Definition		Code	Definition	
		2.30		2.30		M2.5			Contact plating				
1		2.30		2.30		M2.5		0	No Definition		P	PA6T nature UL94V-0	
2		2.30		2.30		M2.5		A	Au 0.20 μm		R	PA6T black UL94V-0	
3		2.80		2.30		M2.5		3	Au 0.38 μm		X	Customized	
4		2.80		2.30		M2.6		B	Au 0.50 μm				
5		3.85		3.80		M2.5							
6		3.85		3.80		M2.6							

					1865 series MDR-36PIN connector female	SL0.1865.101			
③	1	208869	孔德宇	2017.05.09		Projection	Rev.	Weight	Scale
Mark	NO.	File NO.	Signature	Date			A1		
DRAW		Felix Liu 2010.08.31							
CHK		Lawrence2017.5.16							
MAN									
STD		Spring2017.5.17			All Dimensions in mm		Sheet 1 of 1		
APP		Alan2017.5.17							
1865-362-XX-X						 SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			

Unless otherwise specified tolerance:

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