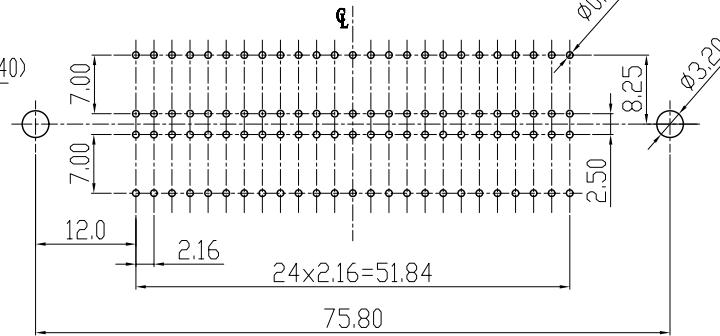
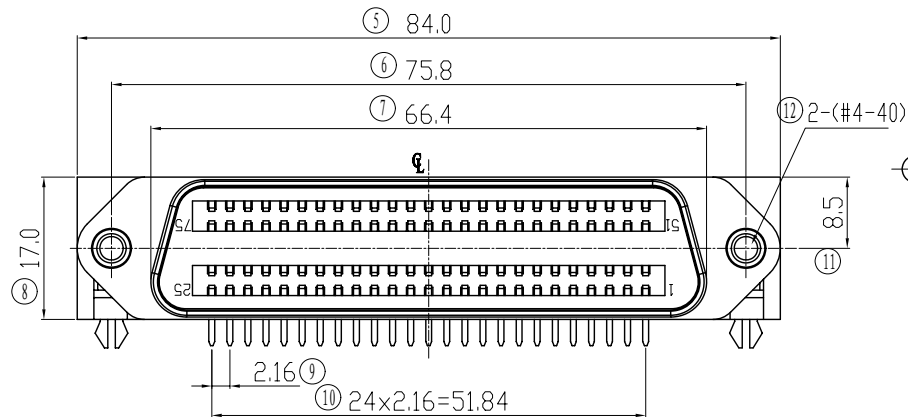
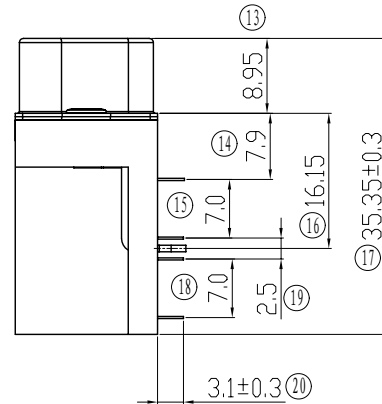
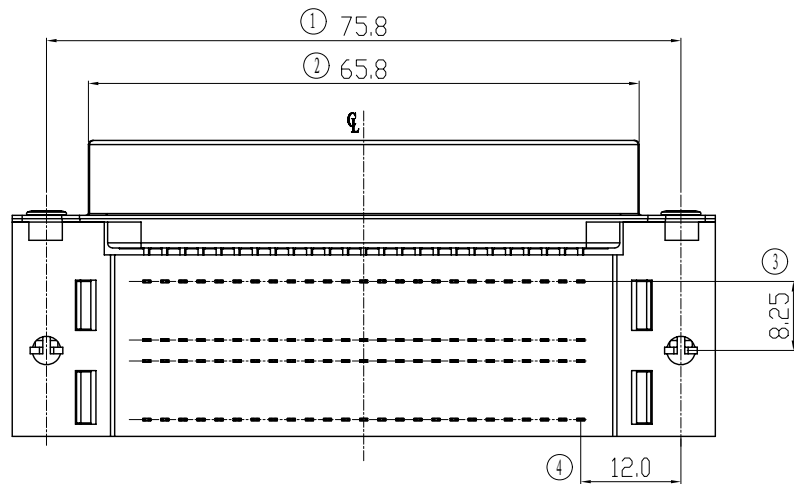
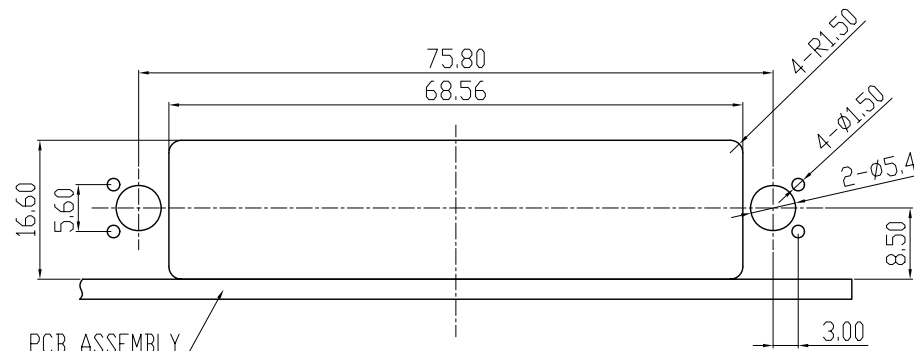




RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL CUTOUT FACED SIDE

Unless otherwise specified tolerance:

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

Performance characteristics:

1.Main body part material

① Insert Block: PBT+30% Glass Fiber Reinforced Black UL94V-0

② Locator: PBT+30% Glass Fiber Reinforced Black UL94V-0

③ Cover: PBT+30% Glass Fiber Reinforced Black UL94V-0

Contact terminal: Phosphor bronze, 1.27μm Ni under plated, outer plating see part number rule

Shell: SPCC; plating Ni.

Board lock: Brass, plating Tin.

2.Electrical requirements:

Current rating: 3.0 A

Voltage rating: 500 V AC

Contact resistance: ≤35 mΩ

Insulation resistance: ≥1000 MΩ

Withstanding voltage:

1000 Vr.m.s, 1mA, 60s (PIN TO PIN)

1500 Vr.m.s, 1mA, 60s (PIN TO GROUND)

3.Mechanical requirements

① Insertion force: ≤90 N

② Extraction force: ≥10 N

Mechanical life: 200 cycles Min.

4.Environment specification

① Working temperature: -55℃ ~+105℃

5.Packing & storing

Method of packing: Tray, 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: In line with the european union RoHS

1864-A02-0X-X

Series code		Terminal number		Spec code		Code		Plating code		Customized	
Code	Definition	Code	Definition	Code	Definition	Code	Definition	Code	Definition	Code	Definition
A0	100	2	FEMALE	0	sold tail	3	Reverse Match	8	Sn3~5μm	R	Reverse Match
								F	Sn3~5μm	1	PBT Black UL94V-0

①	1	SN-00002327	LAWRENCE	2012.10.23
②	3	SN-00000603	LAWRENCE	2010.7.02
③	3	SN-00000363	LAWRENCE	2010.4.29
Mark	NO.	File NO.	Signature	Date
DRAW			Alan	2009.10.12
CHK				
MAN				
STD				
APP				

1864 series right angle 100pin female, reverse Match

1864-A02-08-R

1864-A02-3F-1

SL0.1864.011			
Projection	Rev.	Weight	Scale
	A3		
All Dimensions in mm		Sheet 1 of 1	
 SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			