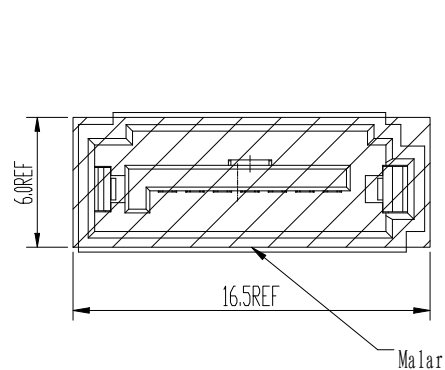
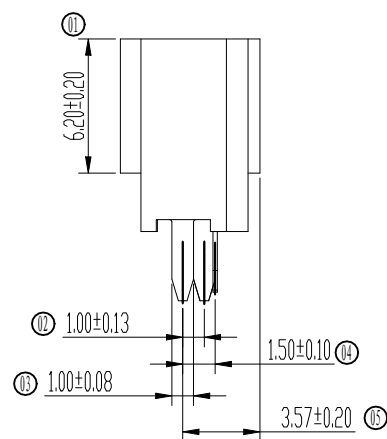
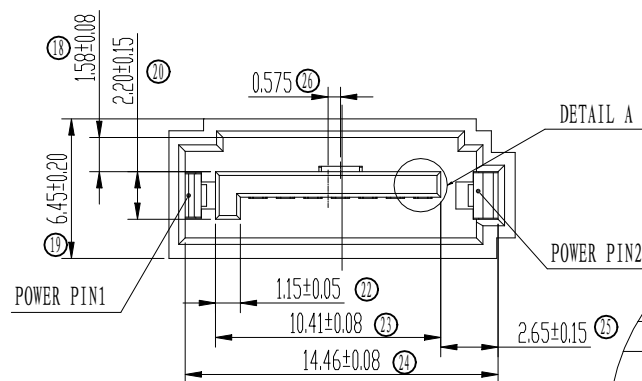
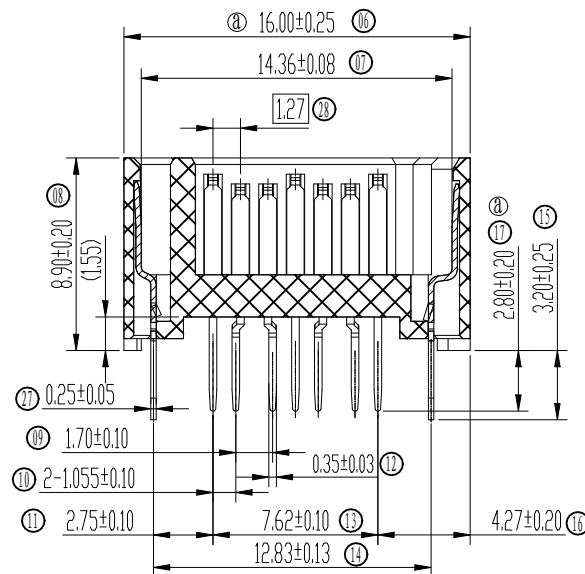
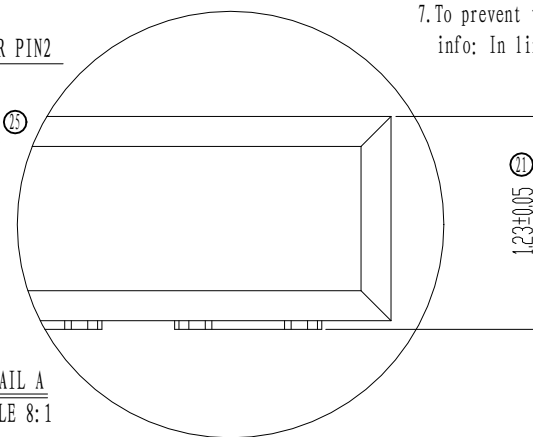


RECOMMEND PCB LAYOUT thickness:1.60mm
PCB TOLERANCE: ± 0.05



DETAIL A
SCALE 8:1



Performance characteristics:

1.Main body part material

Insulator: LCP Black UL94V-0

Contact terminal: Brass, 1.27 μ m Ni under plated,
outer plating contacts area Au 0.76 μ m,
tail Sn3~5 μ m.

Power Pin: Brass, 1.27 μ m Ni under plated, outer plating
contacts area gold flash, tail Sn3~5 μ m.

2.Electrical requirements:

Current rating: 1.5 A

Voltage rating: 12 V

Contact resistance: ≤ 30 m Ω

Insulation resistance: ≥ 1000 M Ω

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

3.Mechanical requirements

Terminal Retention force: ≥ 5 N/pin

Mechanical life: 100 cycles

4.Environment specification

Working temperature: -40°C ~ +85°C

Resistance to soldering heat: 260°C, 30s (PIP)

5.Packing & storing

Method of packing: Tape & Reel, outer box

Storing condition: temperature of -10°C ~ +40°C
below 80% relative humidity

6.Style of installation: Solder PCB installation (PIP)

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

Unless otherwise specified tolerance:

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

①	1	475349	Lawrence	2020.08.27
②	2	467722	Lawrence	2020.07.13
Mark	NO.	File NO.	Signature	Date
DRAW			Lawrence	2020.02.18
CHK			Tim	2020.08.31
MAN				
STD			Juanli lia	2020.09.01
APP			Alan	2020.09.01

SATA 7 Pin + 2 Power pin Male
Connector

1877-091-68-3

SL0.1877.005

Projection	Rev.	Weight	Scale
	A2		

All Dimensions in mm Sheet 1 of 1

SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.