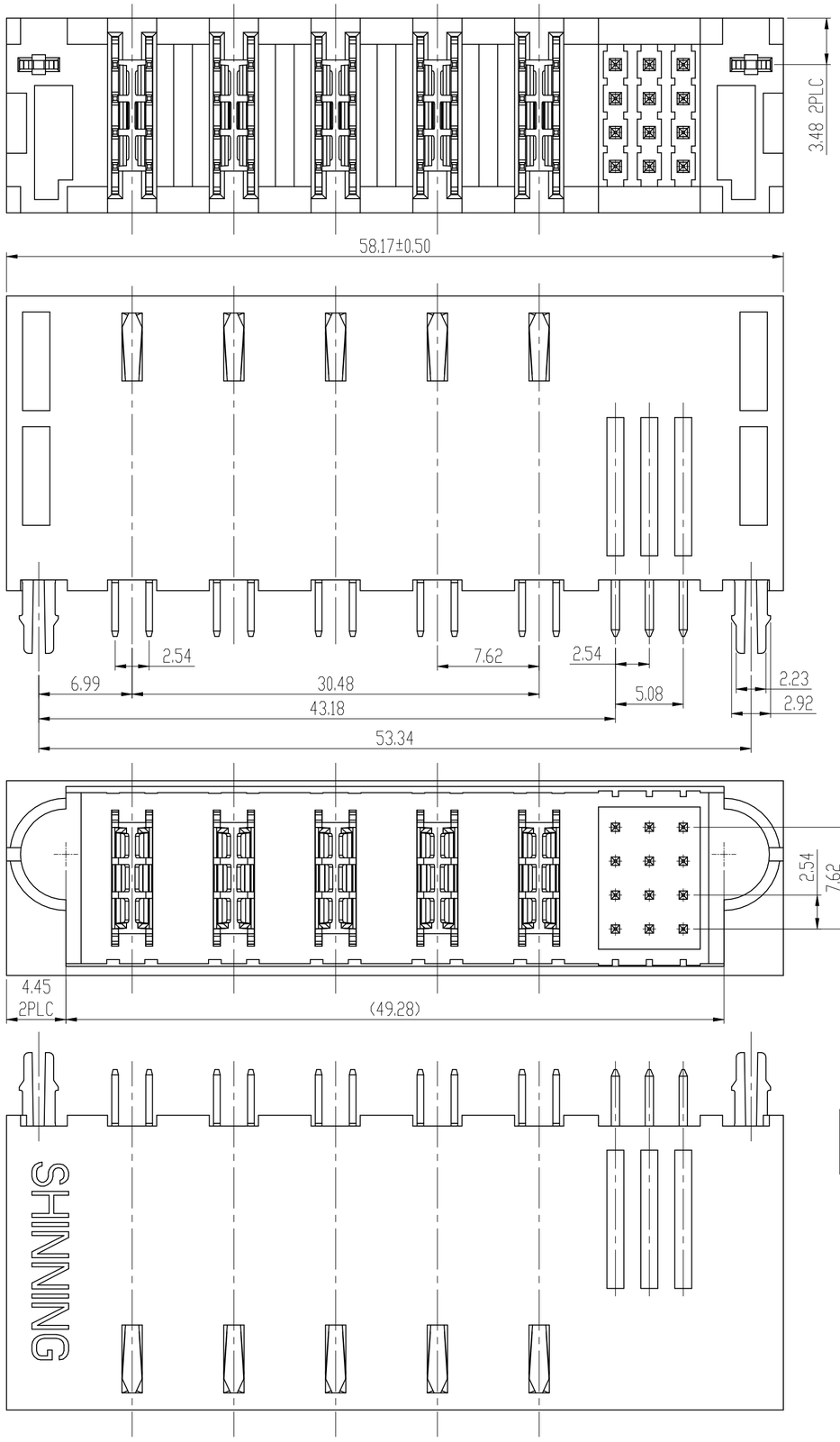
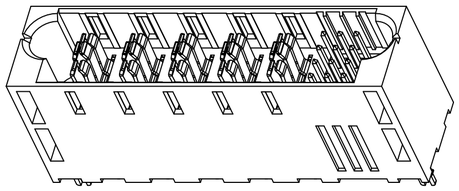
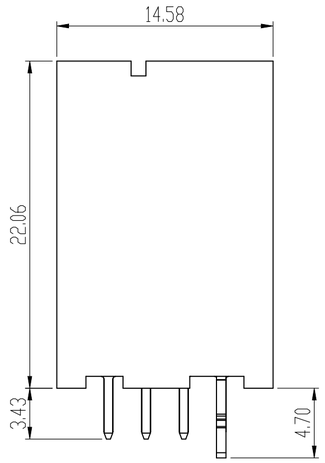
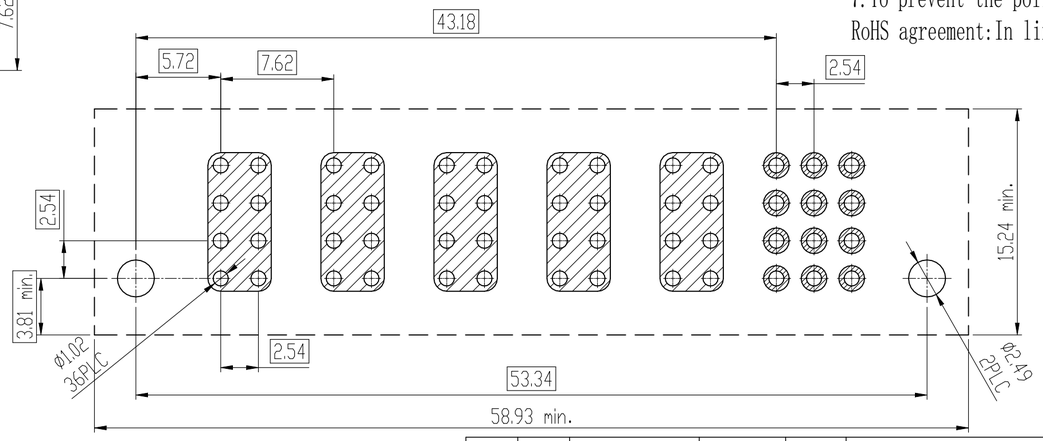






Performance characteristics:

1. Main body part material
   - Insulator: LCP black UL94V-0
   - Terminal-Power: High conductivity Copper alloy,
     1.27μm Ni under plated,contact area plating Au 0.76μm,
     Tail plating Sn.
   - Terminal-Signal:Copper alloy.
     1.27μm Ni under plated,contact area plating Au 0.76μm,
     Tail plating Sn.
2. Electrical requirements:
   - Current rating: High Power Pin:50.0A/Pin
     Signal Pin:1.0A/Pin
   - Contact resistance: High Power Pin≤10 mΩ (initial)
     Signal Pin≤20 mΩ (initial)
   - Insulation resistance: High Power Pin≥1000 MΩ
     Signal Pin ≥500 MΩ
   - Withstanding voltage: High Power Pin 2500 Vr.m.s, 1mA, 60s
     Signal Pin 1000 Vr.m.s, 1mA, 60s
3. Mechanical requirements
   - Insertion force: ≤62N
   - Extraction force: ≥24.4N
   - Mechanical life: 200 cycles
4. Environment specification
   - Working temperature: -55℃～+125℃
5. Packing & storing
   - Method of packing: Tray, outer box
   - Storing condition: temperature of -10℃～+40℃
     below 80% relative humidity
6. Style of installation: THT/PIP pcb Installation.
7. To prevent the pollution of the environment product info
   RoHS agreement:In line with the european union RoHS.



RECOMMENDED PCB LAYOUT(±0.05)

Unless otherwise specified tolerance:

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

Mark	NO.	File NO.	Signature	Date
DRAW		TANG JIANPING 2023.08.15		
CHK				
MAN				
STD				
APP				

Power Connector Vertical
Solder With Latch, Plug
(5P High Power+12P Signal)

1373-531-38-3

SL0.1373.003

Projection	Rev.	Weight	Scale
	S0		

All Dimensions in mm | Sheet 1 of 1

SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.