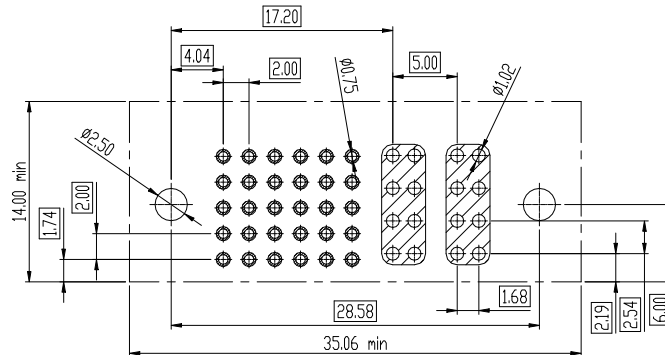
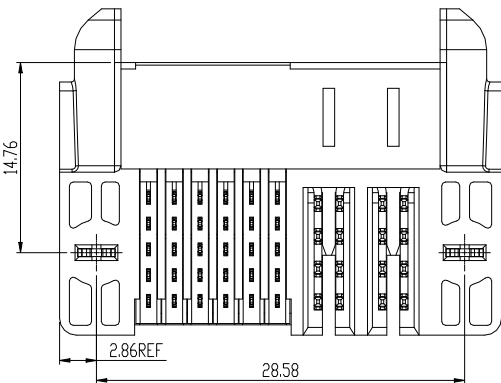
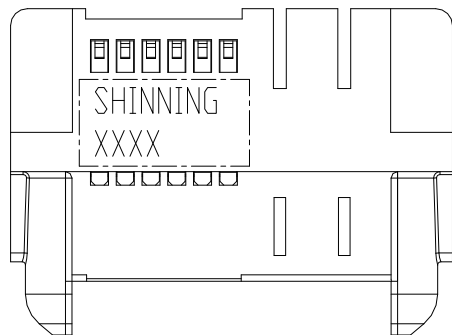
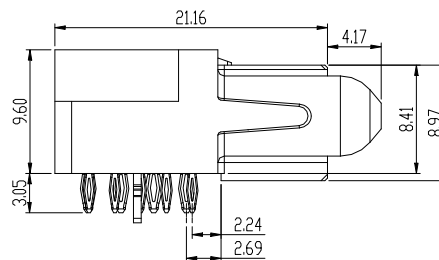
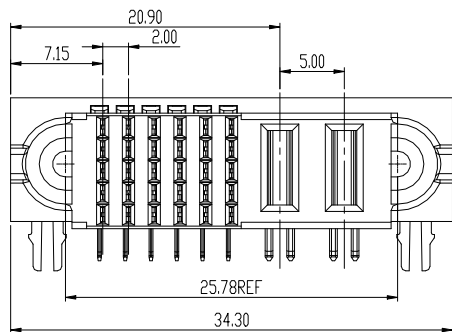




RECOMMENDED PCB LAYOUT (± 0.05)



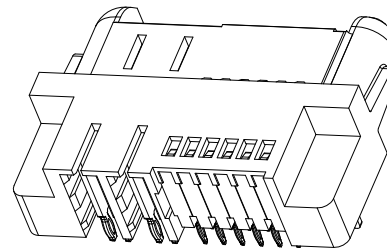
Note laser print:

SHINNING

2410

SHINNING LOGO

week code, example: "10" the 10 week
year code, example: "24" the 2024 year



Unless otherwise specified tolerance:

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

Performance characteristics:

1. Main body part material

Insulator: PA9T+LCP black UL94V-0

Terminal-Power: High conductivity Copper alloy,

1.27 μm Ni under plated, contact area plating Au 0.76 μm ,

Tail plating Sn.

Terminal-Signal: Copper alloy.

1.27 μm Ni under plated, contact area plating Au 0.76 μm ,

Tail plating Sn.

2. Electrical requirements:

Current rating: High Power Pin: 60.0A/Pin

Signal Pin: 2.0A/Pin

Contact resistance: High Power Pin $\leq 0.5 \text{ m}\Omega$ (initial)

Signal Pin $\leq 30 \text{ m}\Omega$ (initial)

Insulation resistance: High Power Pin $\geq 1000 \text{ M}\Omega$

Signal Pin $\geq 500 \text{ M}\Omega$

Withstanding voltage: High Power Pin 2500 DC, 1mA, 60s

Signal Pin 1000 DC, 1mA, 60s

3. Mechanical requirements

Insertion force: $\leq 44\text{N}$

Extraction force: $\geq 8.9\text{N}$

Mechanical life: 200 cycles

4. Environment specification

Working temperature: $-40^\circ\text{C} \sim +125^\circ\text{C}$

5. Packing & storing

Method of packing: Tray, Carton

Storing condition: temperature of $-5^\circ\text{C} \sim +35^\circ\text{C}$

below 80% relative humidity

6. Style of installation: Press fit pcb Installation.

7. To prevent the pollution of the environment product info

RoHS agreement: In line with the European Union RoHS.

					Power Connector R/A Press fit With Latch, Rectractable (2P High Power+30P Signal)	SL0. 1366.004			
Mark	NO.	File NO.	Signature	Date		Projection	Rev.	Weight	Scale
DRAW	CHK	JAEY	2024.12.16				A0		
MAN						All Dimensions in mm Sheet 1 of 1			
STD						SHINNING SHENZHEN SHINNING ELECTRONIC CO., LTD.			
APP									

1366-20A-48-3