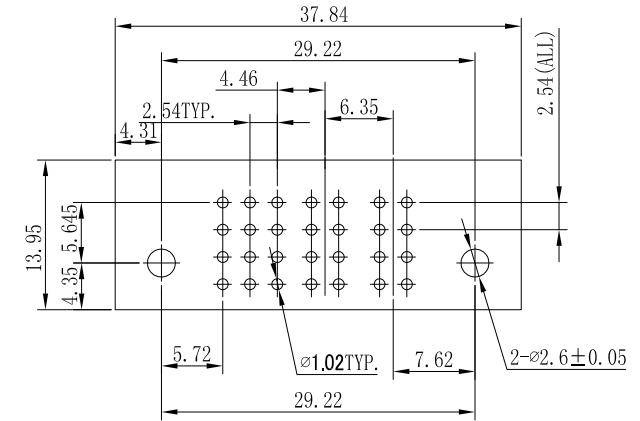


Customer drawing

CHANGE DESCRIPTION		DATE	APPROVED
Rev.	ECN No.		
X1		09.09/23	David.Guo



Recommended PCB size (Tolerance: ± 0.05)

Notes:

1. Material:

- a. Terminals: High performance copper alloy;
- b. Body: Thermoplastic plastic, UL94V-0, Color: black;

2. Plating:

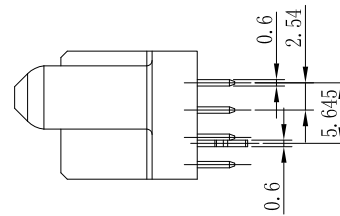
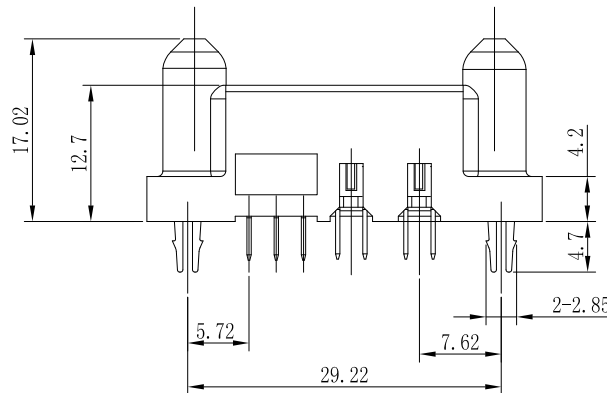
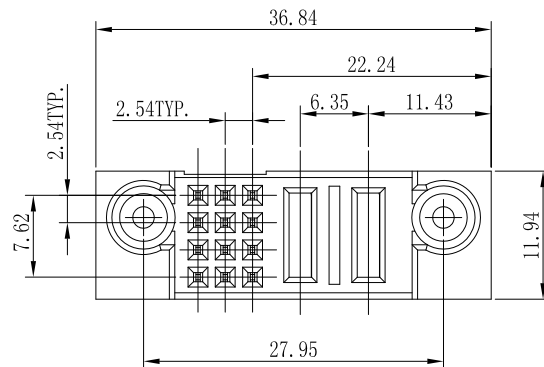
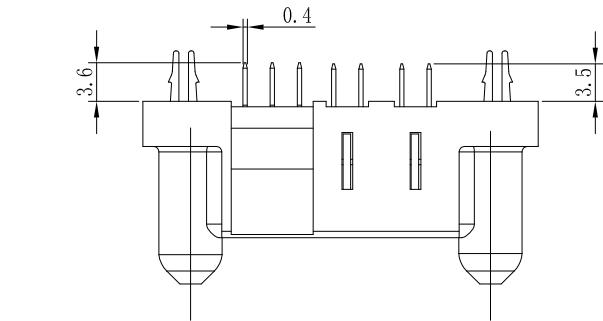
- a. Power terminal: Gold plating on the contact area; Matted Tin Plated on the solder area; Ni underplated all;
- b. Signal terminal: Gold plating on the contact area; Matted Tin Plated on the solder area; Ni underplated all;
- c. Fixed foot: Tin plated over Ni;

3. Electrical performance:

Working voltage: Power terminal 250V AC; Signal terminal 50V AC.
Current rating: Power terminal 40A Max; Signal terminal 2.5A Max;
Withstand voltage: 2500V DC power terminal 1 minute no breakdown, 1000V DC signal terminal 1 minute no breakdown,
Insulation resistance: 2000 MEG OHM Min. signal terminal;
2000 MEG OHM Min. power terminal;
Contact resistance: Power terminal $\leq 2 \text{ m}\Omega$; Signal terminal $\leq 20 \text{ m}\Omega$.
Operating temperature: -40°C TO $+125^\circ\text{C}$.

4. Mechanical performance :

- Durability: 250 cycles;
- 5. Packing method: Suction plastic box;
- 6. RoHS compliant.



④	Fixed foot	2	High performance copper alloy
③	Body	1	Thermoplastic plastic
②	Signal terminal	12	High performance copper alloy
①	Power terminal	2	High performance copper alloy
ITEM	DESCRIPTION	QTY	REMARKS

Unless otherwise specified		Responsible person	Date	MEDLON Industrial Co., Ltd.	
Tolerances (Metric)		Drawing by:			
.X +/- 0.50		Checked by:			
.XX +/- 0.35		Approved by:			
Angle +/- 5°		File path:		Name: 12S+2P Power Connector	
Material:\		Third-angle projection		Female VT	
Dimension unit				DWG No. : JYP-F1202B-VT03R	
English unit	inch			Rev. X1	
Metric	MM				
Scale				First page Total 1 page	