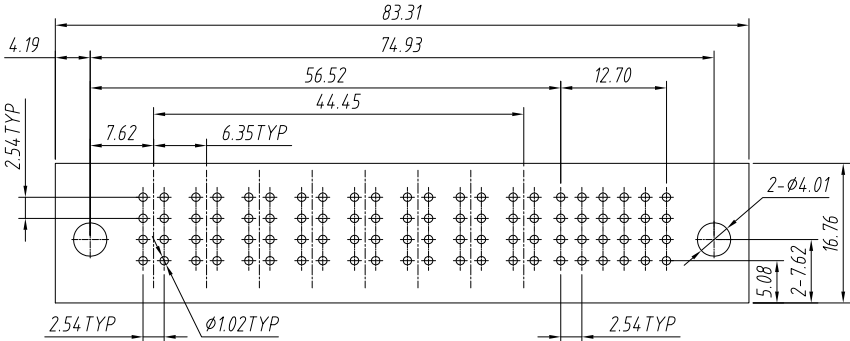


Customer drawing

1

Rev.	ECN No.	DESCRIPTION	DATE	APPROVED
X1		First release	03.06/25	David.Guo



Recommended PCB size (Tolerance:±0.05)

Notes:

- Material:
 - Terminals: High performance copper alloy;
 - Body: Thermoplastic plastic,UL94V-0, Color: black;
- Plating:
 - Power terminal: Gold plating on the contact area; Matted Tin Plated on the solder area; Ni underplated all;
 - Signal terminal: Gold plating on the contact area; Matted Tin Plated on the solder area; Ni underplated all;
- Electrical performance:

Working voltage:Power terminal 250V AC; Signal terminal 50V AC.

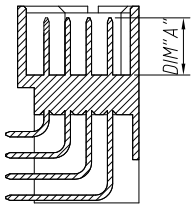
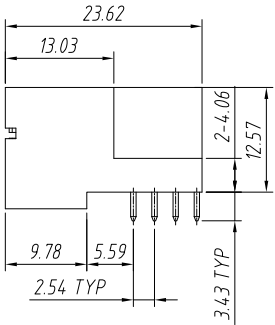
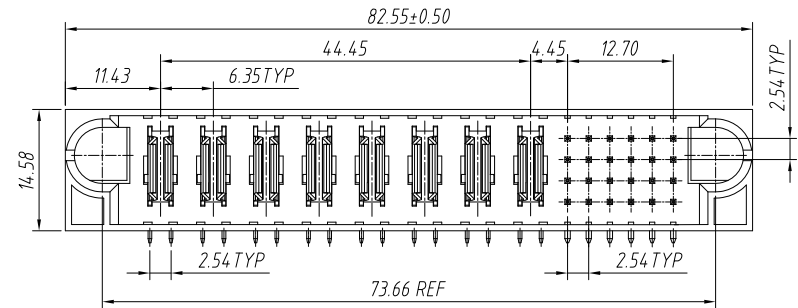
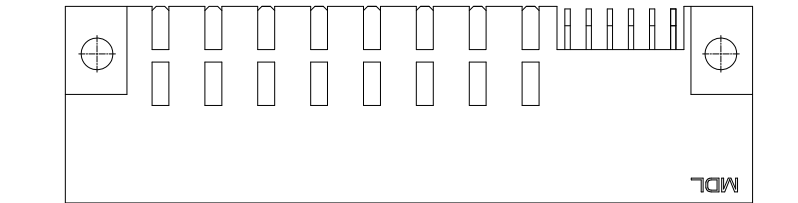
Current rating: Power terminal 40A; Signal terminal 2.5A;

Withstand voltage: 2500V DC power terminal 1 minute no breakdown, 1000V DC signal terminal 1 minute no breakdown,

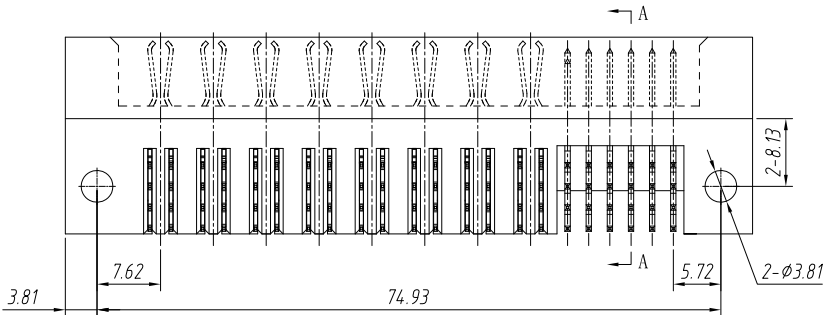
Insulation resistance: 2000 MEG OHM Min. signal terminal; 2000 MEG OHM Min. power terminal;

Contact resistance: Power terminal $\leq 2\text{ m}\Omega$; Signal terminal $\leq 20\text{ m}\Omega$.

Operating temperature:-40℃ TO + 125℃.
- Mechanical performance : Durability: 250 cycles;
- Packing method: Suction plastic box;
- RoHS compliant.



SECTION A-A



A

CODE	DIM "A"	CONTACT TYPE
E	5.59	SIGNAL
R	6.86	SIGNAL
S	6.86	SIGNAL
T	6.86	SIGNAL
U	6.86	SIGNAL
PC	N/A	POWER

3

ITEM	DESCRIPTION	QTY	REMARKS
3	Body	1	Thermoplastic plastic
2	Signal terminal	24	High performance copper alloy
1	Power terminal	8	High performance copper alloy

2

1

Unless otherwise specified Tolerances (Metric)	Responsible person	Date	Medlon (Hongkong) Industrial co., ltd.	
.X +/- 0.50 .XX +/- 0.35 .XXX +/-	Drawing by:			
Angle +/- 3°	Checked by:		Name: 8P+24S power connetor, Male RT	
Material:\	Approved by:			
Dimension unit	File path:		DWG No. : JYP-M2408B-RT42R	
English unit Metric	Third-angle projection			
			Scale	1:1
			First page Total 1 page	