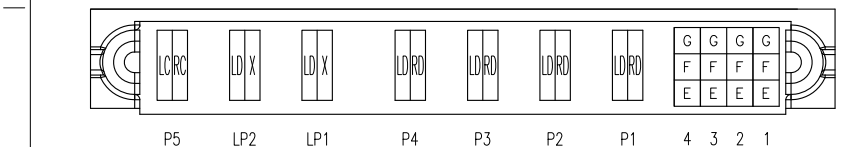
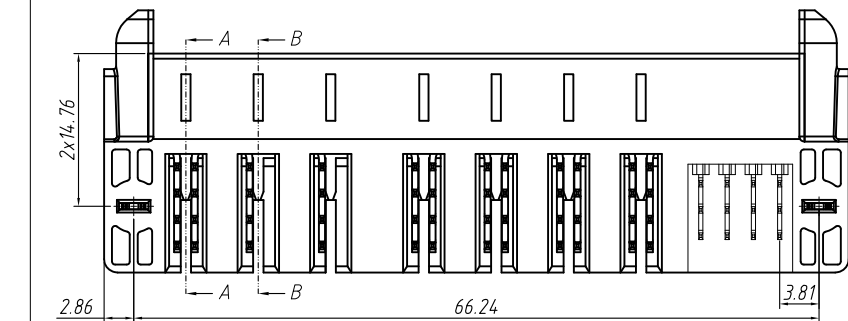
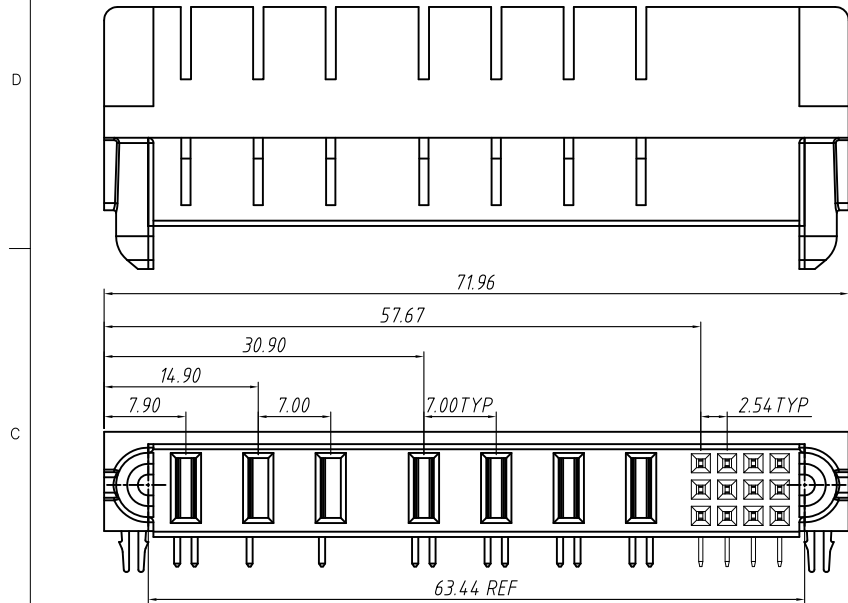


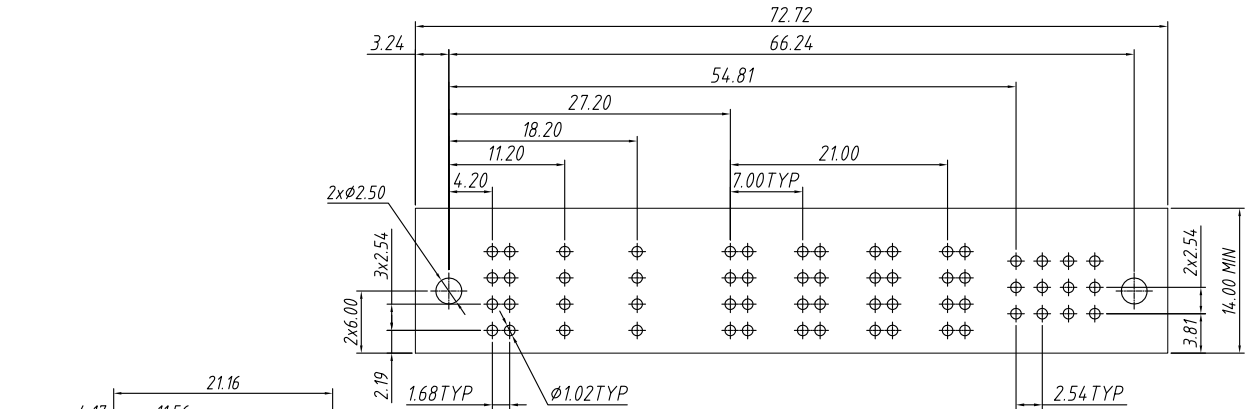
Customer drawing

Rev.		ECN No.	CHANGE DESCRIPTION	DATE	APPROVED
X1			First release	08.27/25	David.Guo



CODE	CONTACT TYPE
G	SIGNAL
F	SIGNAL
E	SIGNAL
LD&RD	HIGH POWER(STD)
LD	LOW POWER(STD)
LC&RC	HIGH POWER(MFBL)
X	OMIT

△	Fixed foot	2	High performance copper alloy
△	Body	1	Thermoplastic plastic
△	Signal terminal	12	High performance copper alloy
△	Low power supply terminal	2	High performance copper alloy
△	High power supply terminal	5	High performance copper alloy
ITEM	DESCRIPTION	QTY	REMARKS



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: High Power 531V AC; Signal 39V AC.

Current rating: High Power: Single Contact 75A (10 layers X 2ounce);

Low Power: Single Contact 45A (10 layers X 2ounce);

Signal: Single Contact 3A;

Withstand voltage: 2500V DC High/Low Power 1 minute no breakdown;

1000V DC signal 1 minute no breakdown;

Insulation resistance: 1000 MEG OHM Min. power terminal;

500 MEG OHM Min. signal terminal;

Contact resistance: High Power $\leq 0.3m\Omega$; Low Power $\leq 0.6m\Omega$; Signal $\leq 30m\Omega$.

Operating temperature: -40°C TO $+125^{\circ}\text{C}$.

4. Mechanical performance: Durability: 250 cycles;

5. Packing method: Suction plastic box;

6. RoHS compliant.

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+4P+2LP+1P Power Connetor+ Female RT	
Material:\		Third-angle projection		DWG No. : JYP-F0001207B-RT002H		Rev. X1	
Dimension unit				Scale		First page Total 1 page	
English unit							
Metric							
inch							
MM							