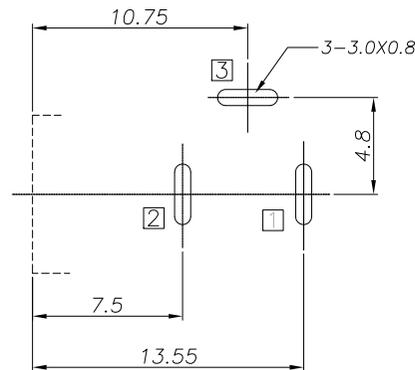
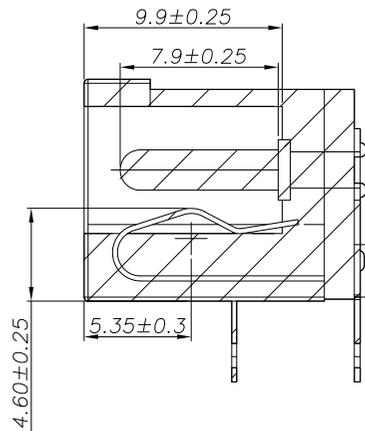
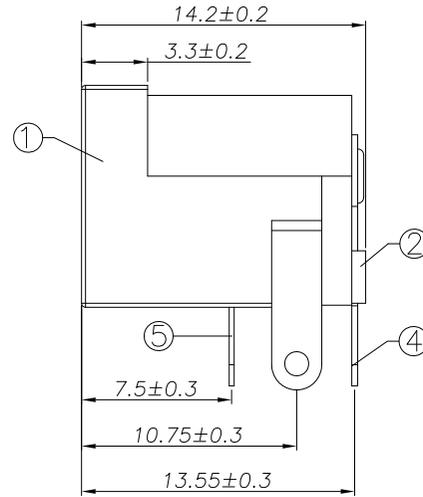
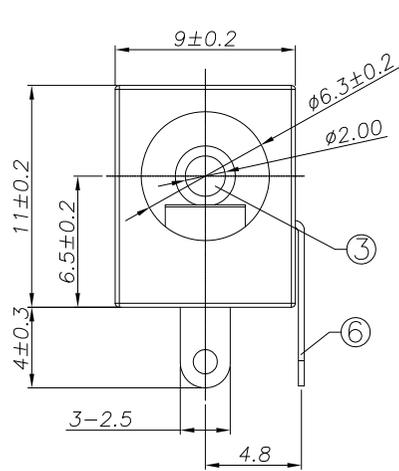


GP Component

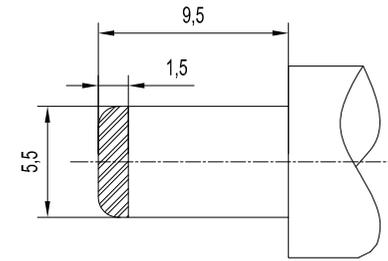
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2021/04/20	Hanson
A1			Change Operation temperature	2022/07/05	Hanson



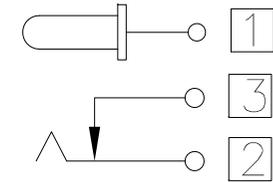
P. C. B Layout
(Copper-sided view)

SPECIFICATION

1. Rating : DC30V 3A Or DC15V 4A;
2. Contact resistance: $\leq 30m\Omega$;
3. Insulation resistance: $\geq 100M\Omega$ (DC500V);
4. Withstand voltage: 500VAC ;
5. Insertion and extraction force: 3-30N;
6. life test: 5,000 cycles;
7. Operation temperature range: $-40^{\circ}C \sim +85^{\circ}C$;
8. Preservative temperature range: $-40^{\circ}C \sim +70^{\circ}C$;



MATE PLUG



CIRCUIT DIAGRAM

⑥	Shunt terminal	<input checked="" type="checkbox"/>	1	BRASS t0.3	CuSn plating
⑤	Tip spring	<input checked="" type="checkbox"/>	1	C5191 t0.25	CuSn plating
④	Center pin terminal	<input checked="" type="checkbox"/>	1	BRASS t0.35	CuSn plating
③	Center pin	<input checked="" type="checkbox"/>	1	H59	Nickel plating
②	Cover		1	PBT	Black
①	Housing		1	PBT	Black
NO.	DESCRIPTION		QTY	MATERIAL	REMARK



Matrix Electronics Co.,Ltd

TOLERANCE:		DESIGN BY :	DATE :	PART NAME:	
X.X	± 0.35	Hanson Huang	2022/07/05	DC POWER JACK	
X.X	± 0.25	CHECKED BY:	DATE :	PART NO.	MSLXPDCJ249
X.XX	± 0.20	Vicky Hsieh	2022/07/05	MOLD NO.	NA
X.XXX	± 0.15	APPROVED BY1:	DATE :	DRAW NO.	
ANGLE: $\pm 3^{\circ}$		Richard Hsieh	2022/07/05	SHEET NO.	1 OF 1
UNIT: mm [inch]		APPROVED BY2:	DATE :		
SCALE:1:1	SIZE:A4	Richard Hsieh	2022/07/05		