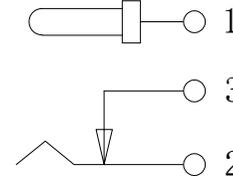
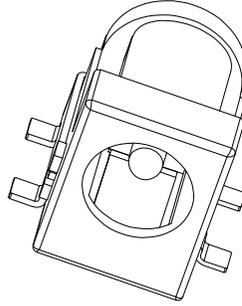
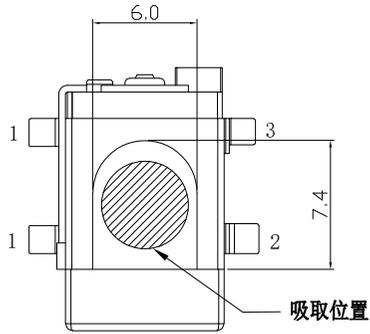
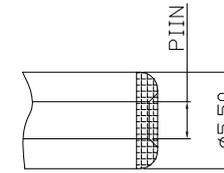


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2024/10/14	Ryan
A0.1			Change operation temperature from -20°C to -40°C	2025/04/24	Ryan



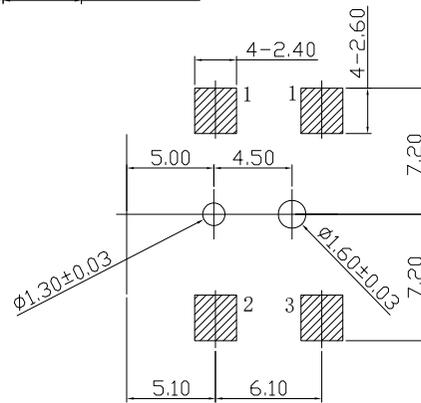
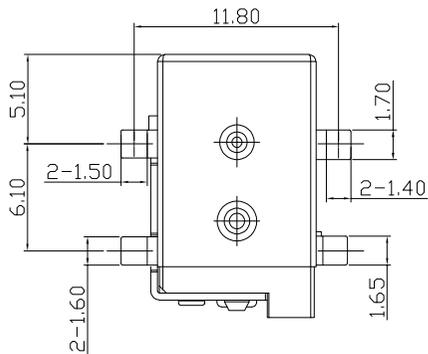
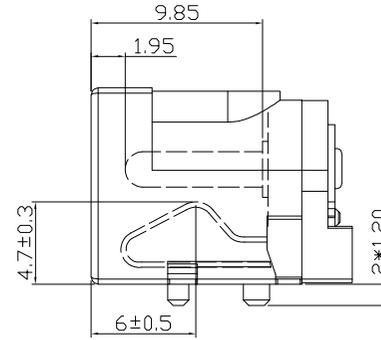
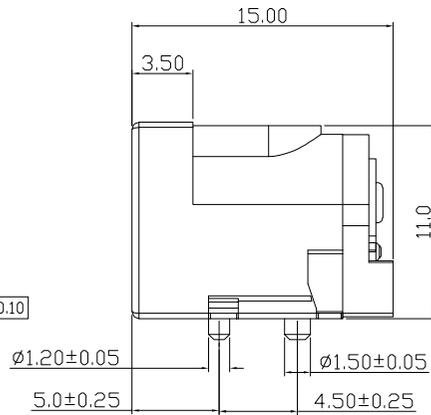
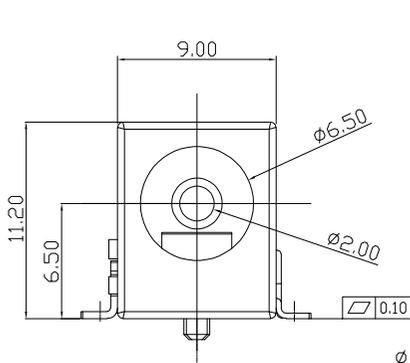
电路示意图



推荐插头尺寸

规格:

1. 额定值: DC24V 2.5A
2. 接触电阻: $\leq 30\text{m}\Omega$
3. 绝缘电阻: $\geq 100\text{M}\Omega$
4. 耐电压: 500VAC
5. 插拔力: 3N~30N
6. 使用寿命: 5000次
7. 使用温度: $-40^\circ\text{C} \sim +85^\circ\text{C}$



PCB Layout

6	后盖	PA9T UL94V-0	1	黑色
5	主体	PA9T UL94V-0	1	黑色
4	平片	黄铜	1	镀银
3	弯片	黄铜	1	镀银
2	弹片	磷铜	1	镀银
1	PIN针	黄铜	1	镀锡
序号	名称	材料	数量	颜色/电镀



Matrix Electronics Co.,Ltd

TOLERANCE: X:X ±0.35 X:XX ±0.30 X:XXX ±0.25 X:XXX ±0.15 ANGLE: ±5°		DESIGN BY : Ryan Lu	DATE : 2024/10/14	PART NAME: DC POWER JACK, SMD type	
		CHECKED BY: Vicky Hsieh	DATE : 2024/10/14	PART NO.	MSPDCJ232-LC
		APPROVED BY1: Richard Hsieh	DATE : 2024/10/14	MOLD NO.	NA
		APPROVED BY2: Richard Hsieh	DATE : 2024/10/14	DRAW NO.	
SCALE:1:1	SIZE:A4			SHEET NO.	1 OF 1