

GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2020/08/26	Hanson
A1			Change DIM.	2021/09/17	Hanson
A2			Modify technical requirements	2021/10/29	Ginny Liao
A3			Change DIM.	2021/12/22	Hanson
A4			Modify technical requirements	2022/01/07	Hanson

技术要求

使用环境: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

额定负荷: DC 56V 6A or DC 44V 7A
or 12V 9A

绝缘电阻: $\geq 100\text{M}\Omega$ DC250V

耐压: AC 500V(50Hz)/min

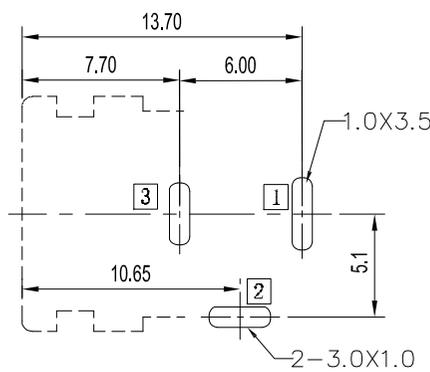
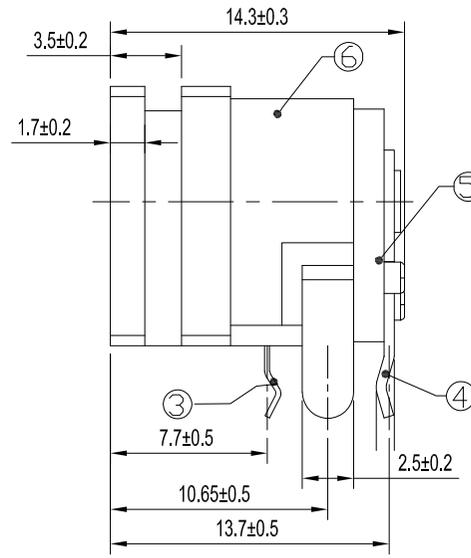
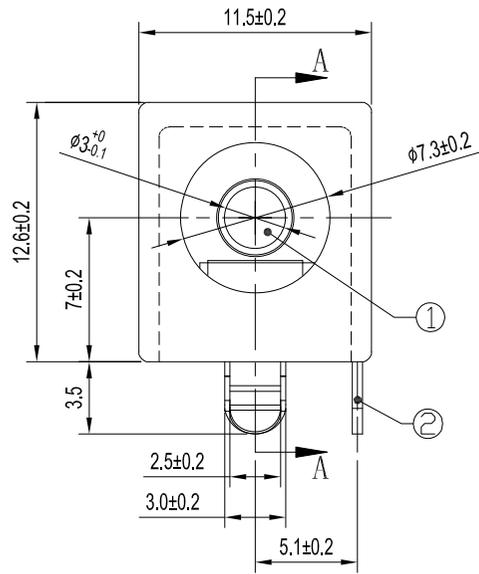
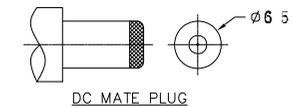
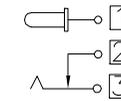
接触阻抗: $30\text{m}\Omega$ Max

盐雾测试: 24H

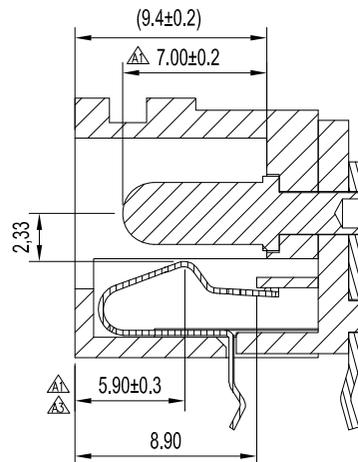
插拔力: 3~20N

机械寿命: 5000次

电路结构示意图



RECOMMENDED P.C.B LAYOUT
UNSPECIFIED TOLERANCE: ± 0.05
(TOP VIEW)



6	底座	1PCS	PBT (黑色)	
5	盖子	1PCS	PBT (黑色)	
4	插针脚	1PCS	H62 黄铜 t=0.50	电镀: 银
3	动触片	1PCS	锡磷青铜带 t=0.25	电镀: 银
2	静触片	1PCS	H62 黄铜 t=0.50	电镀: 银
1	插针	1PCS	H62 黄铜 $\phi=3.0$	电镀: 锡
序号	名称	数量	材料	备注



Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.50 X.X ±0.35 X.XX ±0.25 X.XXX ±0.15 ANGLE: $\pm 3^{\circ}$	DESIGN BY : Hanson Huang	DATE : 2022/01/07	PART NAME: DC POWER JACK	
	CHECKED BY: Vicky Hsieh	DATE : 2022/01/07	PART NO.	MSLXPDCJ184
APPROVED BY1: Richard Hsieh	DATE : 2022/01/07	MOLD NO.	NA	
	APPROVED BY2: Richard Hsieh	DATE : 2022/01/07	DRAW NO.	
SCALE:1:1 SIZE:A4		SHEET NO.	1 OF 1	