



A4				 台普 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:	
A3					X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP94012G124RA	
A2					X.X	± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw	
A1					X	± 0.25	ROCPCU TECHNOLOGY CO.,LTD					
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A		B			C		D		E		F	G



性能参数

1. Heating current: Ui: AC250V, Ith: 5A
发热电流: Ui: AC250V, Ith: 5A
2. Rated current: 3A/DC36V
额定电流: 3A/DC36V
3. Power-frequency withstand voltage: 2000V/1min
工频耐压: 2000V/1min
4. Insulation resistance: ≥1000MΩ
绝缘电阻: ≥1000MΩ
5. Contact resistance: ≤50mΩ
接触电阻: ≤50mΩ
6. Pressing stroke: 3.00mm ± 0.10
按压行程: 3.00mm ± 0.10
7. Contact stroke: 1.50mm ± 0.10
接触行程: 1.50mm ± 0.10
8. welding temperature: 320 °C ± 20 °C
焊接温度: 320 °C ± 20 °C
9. Welding duration: Less than 3 seconds in duration
焊接时长: Less than 3 seconds in duration
10. Nut assembly torque: 5-14N.m
螺帽装配力矩: 5-14N.m
11. Protection level: IP67
防护等级: IP67
12. Explosion prevention level: IK10
防暴等级: IK10

13. Working environment temperature: -20 °C ~ +55 °C
工作环境温度: -20 °C ~ +55 °C
14. Compression torque: ≤ 2.5N
按压扭力: ≤ 2.5N
15. Electrical life: 50,000 cycles
电气寿命: 50,000 cycles
16. Mechanical: 500,000 cycles
机械寿命: 500,000 cycles
17. Operation method: self-locking
操作方式: 自锁式
18. LED lamp power consumption: 20mA 以下
LED灯功耗: 20mA 以下
19. LED lamp lifespan: 40000h
LED寿命: 40000h
20. LED color: Red
LED颜色: 红色
21. LED Lamp Voltage: 24V
LED灯电压: 24V
22. NO reverse thrust foot torque: ≤ 30N
NO反推脚扭力: ≤ 30N



连接形式

1. Welding temperature of wire: 320 ± 20 °C
线材焊接温度: 320 ± 20 °C
Wire welding duration: less than 3 seconds
线材焊接时长: 时长3秒以下
2. Can be used with dedicated connectors:
可配专用接插件使用:
 - 2.1 Switch function wire: Green Line (C) Blue Line (NO) Yellow Line (NC)
开关功能线材: 绿线 (C) 蓝线 (NO) 黄线 (NC)
 - 2.2 LED functional wire: red wire positive pole black wire negative pole
LED功能线材: 红线正极 黑线负极
 - 2.3 LED is an electrodeless lamp bead that can be lit without the need to separate positive and negative poles
LED为无极灯珠, 无需分正负极也可点亮

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材质参数

9	luminous zone 发光区	PC 塑胶	1	
8	LEDpin LED引脚	Brass 黄铜	1	Silvering 镀银
7	Base 底座	PA46	1	
6	NOPin NO引脚	Brass 黄铜	1	gold-plating 镀金
5	Contact material 接触材质	silver alloy 银合金	1	Silvering 镀银
4	Arm nut 固定螺帽	Brass 黄铜	1	nickeling 镀镍
3	Oring O型圈	Silica gel 硅胶	1	
2	Housing 外壳	Aluminum alloy 铝合金	1	Oxidized black 氧化黑
1	Key 按键	Aluminum alloy 铝合金	1	Oxidized black 氧化黑
NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注

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