



A4				 <b>台普</b> <b>ROCPCU</b>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3					X.XX	± 0.10	DRAWN BY	SHUHAO	CHECKED BY	COCO	MODEL NO: TP92222G □ □
A2					X.X	± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw
A1					X	± 0.25	<h1>ROCPCU TECHNOLOGY CO.,LTD</h1>				
REV	DATE	REVISION	DESCRIPTION		ISSUE	ANGULAR					
	A		B		C		D	E	F	G	

TP92222G 

**Operation method**

- 1: Self-locking (length: 42.7MM)
- 2: Self-compound (length: 40.9MM)

**Material**

- A: Aluminum alloy
- S: Stainless steel




**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 (C) blue wire (NO) yellow wire (NC)  
 开关功能线材: 蓝线 (NO) 黄线 (NC)



**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: 2000V1min  
 工频耐压: 2000V1min
- 4. Insulation resistance: ≥1000MΩ  
 绝缘电阻: ≥1000MΩ
- 5. Contact resistance: ≤50mΩ  
 接触电阻: ≤50mΩ
- 6. Pressing stroke: 3.50mm ± 0.10  
 按压行程: 3.50mm ± 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  
 螺帽装配力矩: 5-14N
- 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: ≤ 3.5N  
 按压扭力: ≤ 3.5N
- 15. Electrical life: 100000 cycles  
 电气寿命: 100000 cycles
- 16. mechanical: 500000 cycles  
 机械寿命: 500000 cycles
- 17. NO reverse thrust foot torque: ≤ 30N  
 NO反推脚扭力: ≤ 30N

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NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注
1	Key 按键	SUS/Aluminum alloy/Brass 不锈钢/铝合金/黄铜	1	
2	Housing 外壳	SUS/Aluminum alloy/Brass 不锈钢/铝合金/黄铜	1	
3	Oring O型圈	Silica gel 硅胶	1	
4	Arm nut 固定螺帽	Brass 黄铜	1	nickeling 镀镍
5	LED Base LED基座	PC 塑胶	1	
6	Contact material 接触材质	silver alloy 银合金	1	Silvering 镀银
7	Pin 引脚	Brass 黄铜	1	gold-plating 镀金
8	Base 底座	PA46	1	

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