



|     |      |                      |       |   |                  |        |   |           |  |      |                         |
|-----|------|----------------------|-------|---|------------------|--------|---|-----------|--|------|-------------------------|
| A4  |      |                      |       | <br><b>台普</b><br><b>ROCPCU</b> | COMMON TOLERANCE | UNIT   | MM  | PROJECTED | <br>PRODUCT NAME: |      |                         |
| A3  |      |                      |       |   | X.XX             | ± 0.10 | DRAWN BY  | FUYUAN    | CHECKED BY   | COCO | MODEL NO: TP93011G224RA |
| A2  |      |                      |       |   | X.X              | ± 0.15 | DATE  | 2019      | APPROVAL B   | ALEN | Https: www.rocpcu.tw    |
| A1  |      |                      |       |   | X                | ± 0.25 | <b>ROCPCU TECHNOLOGY CO.,LTD</b>  |           |  |      |                         |
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
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:2.50mm ± 0.10  
按压行程:2.50mm ± 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: ≤ 2.5N  
按压扭力: ≤2.5N
15. Electrical life: 100000 cycles  
电气寿命: 100000 cycles
16. mechanical: 500000cycles  
机械寿命: 500000cycles
17. Operation method:Self repeating form  
操作方式: 自复式
18. LED lamp power consumption: 20m以下  
LED灯功耗: 20m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 (C) blue wire (NO) yellow wire (NC)  
开关功能线材: 绿色(C) 蓝线 (NO) 黄线 (NC)
  - 2.2 LED functional wire: red wire positive pole black wire negative pole LED without distinguishing positive and negative poles  
LED功能线材: 红线正极 黑线负极 LED不分正负极

|     |      |          |             |  |                  |         |                           |        |            |   |                         |
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| A           |                          | B        |             | C   |                  | D         |                                  | E                       |            | F   |                         | G |  |
|-------------|--------------------------|----------|-------------|---|------------------|-----------|----------------------------------|-------------------------|------------|---|-------------------------|---|--|
| <b>材质参数</b> |                          |          |             |   |                  |           |                                  |                         |            |   |                         |   |  |
| 10          | luminous zone<br>发光区     |          |             | PC<br>塑胶  |                  | 1         |                                  |                         |            |   |                         |   |  |
| 9           | LEDpin<br>LED引脚          |          |             | Brass<br>黄铜   |                  | 1         |                                  | Silvering<br>镀银         |            |   |                         |   |  |
| 8           | Base<br>底座               |          |             | PA46  |                  | 1         |                                  |                         |            |   |                         |   |  |
| 7           | Pin<br>引脚                |          |             | Brass<br>黄铜   |                  | 1         |                                  | gold-plating<br>镀金      |            |   |                         |   |  |
| 6           | Contact material<br>接触材质 |          |             | silver alloy<br>银合金   |                  | 1         |                                  | Silvering<br>镀银         |            |   |                         |   |  |
| 5           | LED Base<br>LED基座        |          |             | PC<br>塑胶  |                  | 1         |                                  |                         |            |   |                         |   |  |
| 4           | Arm nut<br>固定螺帽          |          |             | Brass<br>黄铜   |                  | 1         |                                  | nickeling<br>镀镍         |            |   |                         |   |  |
| 3           | Oring<br>O型圈             |          |             | Silica gel<br>硅胶  |                  | 1         |                                  |                         |            |   |                         |   |  |
| 2           | Housing<br>外壳            |          |             | Aluminum alloy<br>铝合金   |                  | 1         |                                  | Oxidized/Black<br>氧化/黑色 |            |   |                         |   |  |
| 1           | Key<br>按键                |          |             | Aluminum alloy<br>铝合金   |                  | 1         |                                  | Oxidized/Black<br>氧化/黑色 |            |   |                         |   |  |
| NO<br>序号    | Part name<br>部件名         |          |             | Material<br>材料  |                  | QTY<br>数量 |                                  | Remark<br>备注            |            |   |                         |   |  |
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| A           |                          | B        |             | C   |                  | D         |                                  | E                       |            | F   |                         | G |  |

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