



|     |      |          |             |   |                                  |          |   |            |   |                      |
|-----|------|----------|-------------|---|----------------------------------|----------|---|------------|---|----------------------|
| A4  |      |          |             | <br><b>台普</b><br><b>ROCPCU</b> | COMMON TOLERANCE                 | UNIT     | MM  | PROJECTED  |  | PRODUCT NAME:        |
| A3  |      |          |             |   |                                  | DRAWN BY | FUYUAN  | CHECKED BY | COCO  | MODEL NO: TP91910G2A |
| A2  |      |          |             |   |                                  | DATE     | 2019  | APPROVAL B | ALEN  | Https: www.rocpcu.tw |
| A1  |      |          |             |   | <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:  $\geq 1000M\Omega$   
绝缘电阻:  $\geq 1000M\Omega$
5. Contact resistance:  $\leq 50m\Omega$   
接触电阻:  $\leq 50m\Omega$
6. Pressing stroke:  $2.50mm \pm 0.10$   
按压行程:  $2.50mm \pm 0.10$
7. Contact stroke:  $1.50mm \pm 0.10$   
接触行程:  $1.50mm \pm 0.10$
8. Nut assembly torque: 5-14N  
螺帽装配力矩: 5-14N
9. Protection level: IP67  
防护等级: IP67
10. Explosion prevention level: IK10  
防暴等级: IK10
11. Working environment temperature:  $-20^{\circ}C \sim +55^{\circ}C$   
工作环境温度:  $-20^{\circ}C \sim +55^{\circ}C$
12. Compression torque:  $\leq 6N$   
按压扭力:  $\leq 6N$

13. Electrical life: 500000 cycles 电气寿命  
: 500000 cycles
14. mechanical: 500000cycles  
机械寿命: 500000cycles
15. Operation method: Self repeating form  
操作方式: 自复式
16. NO reverse thrust foot torque:  $\leq 30N$   
NO反推脚扭力:  $\leq 30N$



连接形式

1. Welding temperature of wire:  $320 \pm 20^{\circ}C$   
线材焊接温度:  $320 \pm 20^{\circ}C$   
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 2NO2NC switch function wire: green black wire (C), blue black wire (NO), yellow white wire (NC)  
2NO2NC开关功能线材: 绿黑线(C)、蓝黑线(NO)、黄白线(NC)

|     |      |          |             |   |                  |            |                            |        |            |   |                      |   |
|-----|------|----------|-------------|---|------------------|------------|----------------------------|--------|------------|---|----------------------|---|
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| A3  |      |          |             |   | X.XX             | $\pm 0.10$ | DRAWN BY                   | FUYUAN | CHECKED BY | COCO  | MODEL NO: TP91910G2A |   |
| A2  |      |          |             |   | X.X              | $\pm 0.15$ | DATE                       | 2019   | APPROVAL B | ALEN  | Https: www.rocpu.tw  |   |
| A1  |      |          |             |   | X                | $\pm 0.25$ | ROCPCU TECHNOLOGY CO., LTD |        |            |   |                      |   |
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| A   |      | B        |             | C   |                  | D          |                            | E      |            | F   |                      | G   |

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

材质参数

|     |      |          |             |   |                  |         |                                  |        |            |   |                      |
|-----|------|----------|-------------|---|------------------|---------|----------------------------------|--------|------------|---|----------------------|
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| A3  |      |          |             |   | X.XX             | ± 0.10  | DRAWN BY                         | FUYUAN | CHECKED BY | COCO  | MODEL NO: TP91910G2A |
| A2  |      |          |             |   | X.X              | ± 0.15  | DATE                             | 2019   | APPROVAL B | ALEN  | Https: www.rocpu.tw  |
| A1  |      |          |             |   | X                | ± 0.25  | <b>ROCPCU TECHNOLOGY CO.,LTD</b> |        |            |   |                      |
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