



|                                                                                                                                                           | A    | B                                                                                                                                              | C           | D                                                                                   | E                                                        | F         | G        |                           |            |                                                                                       |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------|----------------------------------------------------------|-----------|----------|---------------------------|------------|---------------------------------------------------------------------------------------|----------------------|
| 性能参数                                                                                                                                                      | 1    | 1. Heating current: Ui: AC250V, Ith: 5A<br>发热电流: Ui: AC250V, Ith: 5A                                                                           |             |                                                                                     | 13. Electrical life: 500000 cycles 电气寿命 : 500000 cycles  |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 2. Rated current:3A/DC36V<br>额定电流:3A/DC36V                                                                                                     |             |                                                                                     | 14. mechanical: 500000cycles<br>机械寿命: 500000cycles       |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 3. Power-frequency withstand voltage:2000V1min<br>工频耐压:2000V1min                                                                               |             |                                                                                     | 15. Operation method:Self repeating form<br>操作方式: 自复式    |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 4. Insulation resistance:≥1000MΩ<br>绝缘电阻 :≥1000MΩ                                                                                              |             |                                                                                     | 16. NO reverse thrust foot torque: ≤30N<br>NO反推脚扭力: ≤30N |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 5. Contact resistance:≤50mΩ<br>接触电阻 :≤50mΩ                                                                                                     |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 6. Pressing stroke:2.50mm ± 0.10<br>按压行程:2.50mm ± 0.10                                                                                         |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 7. Contact stroke:1.50mm±0.10<br>接触行程 :1.50mm±0.10                                                                                             |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 8. Nut assembly torque:5-14N<br>螺帽装配力矩:5-14N                                                                                                   |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 9. Protection level:IP67<br>防护等级:IP67                                                                                                          |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 10. Explosion prevention level: IK10<br>防暴等级: IK10                                                                                             |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 11. Working environment temperature: -20 ℃~+55 ℃<br>工作环境温度: -20 ℃~+55 ℃                                                                        |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 12. Compression torque: ≤ 6N<br>按压扭力: ≤6N                                                                                                      |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
| 连接形式                                                                                                                                                      | 4    | 1. Welding temperature of wire: 320 ± 20 ℃<br>线材焊接温度: 320±20℃<br>Wire welding duration: less than 3 seconds<br>线材焊接时长: 时长3秒以下                  |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 2. Can be used with dedicated connectors:<br>可配专用接插件使用:                                                                                        |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      | 2.1 Switch function wire: green (C) blue wire (NO) yellow wire (NC)<br>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)<br>2NO2NC开关功能线材: 绿黑线 (C)、蓝黑线 (NO)、黄白线 (NC) |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      |                                                                                                                                                |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      |                                                                                                                                                |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      |                                                                                                                                                |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      |                                                                                                                                                |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      |                                                                                                                                                |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      |                                                                                                                                                |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      |                                                                                                                                                |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
|                                                                                                                                                           |      |                                                                                                                                                |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |
| A4                                                                                                                                                        |      |                                                                                                                                                |             |  | 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                                                                                                                                                        |      |                                                                                                                                                |             |                                                                                     |                                                          |           | X.XX     | ± 0.10                    |            |                                                                                       |                      |
|                                                                                                                                                           |      |                                                                                                                                                |             |                                                                                     |                                                          |           | X.X      | ± 0.15                    |            |                                                                                       |                      |
|                                                                                                                                                           |      |                                                                                                                                                |             |                                                                                     |                                                          | X         | ± 0.25   |                           |            |                                                                                       |                      |
| REV                                                                                                                                                       | DATE | REVISION                                                                                                                                       | DESCRIPTION | ISSUE                                                                               |                                                          | ANGULAR   | —        | ROCPCU TECHNOLOGY CO.,LTD |            |                                                                                       |                      |
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| A B C D E F G                                                                                                                                             |      |                                                                                                                                                |             |                                                                                     |                                                          |           |          |                           |            |                                                                                       |                      |

| A        |  | B                        |  | C                     |  | D         |  | E |  | F                       |  | G |  |
|----------|--|--------------------------|--|-----------------------|--|-----------|--|---|--|-------------------------|--|---|--|
| 材质参数     |  |                          |  |                       |  |           |  |   |  |                         |  |   |  |
|          |  |                          |  |                       |  |           |  |   |  |                         |  |   |  |
|          |  |                          |  |                       |  |           |  |   |  |                         |  |   |  |
| 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>塑料              |  | 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            |  |   |  |

  

|     |      |          |             |                                                                                                     |                  |        |                                                                                                                                                           |        |            |                                                                                       |                      |
|-----|------|----------|-------------|-----------------------------------------------------------------------------------------------------|------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|---------------------------------------------------------------------------------------|----------------------|
| A4  |      |          |             | <br>台普<br>ROCPCU | COMMON TOLERANCE |        | UNIT                                                                                                                                                      | MM     | PROJECTED  |  | PRODUCT NAME:        |
| A3  |      |          |             |                                                                                                     |                  |        | DRAWN BY                                                                                                                                                  | FUYUAN | CHECKED BY | COCO                                                                                  | MODEL NO: TP91910G2A |
| A2  |      |          |             |                                                                                                     | X.XX             | ± 0.10 | DATE                                                                                                                                                      | 2019   | APPROVAL B | ALEN                                                                                  | Https: www.rocpcu.tw |
| A1  |      |          |             |                                                                                                     | X.X              | ± 0.15 | ROCPCU TECHNOLOGY CO.,LTD                                                                                                                                 |        |            |                                                                                       |                      |
| REV | DATE | REVISION | DESCRIPTION |                                                                                                     | ISSUE            |        |                                                                                                                                                           |        |            |                                                                                       |                      |
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