




| | | | | | | | | | | | |
|-----|------|----------|-----------------------------------|---|--|--------|---|-----------|---|---------------|--|
| A4 | | | |  台普 ROCPCU | COMMON TOLERANCE X.XX ± 0.10 X.X ± 0.15 X ± 0.25 ANGULAR — | UNIT | MM | PROJECTED |  | PRODUCT NAME: | |
| A3 | | | DRAWN BY | | | SHUHAO | CHECKED BY | COCO | MODEL NO: TP92221P□□ | | |
| A2 | | | DATE | | | 2019 | APPROVAL B | ALEN | Https: www.rocpcu.tw | | |
| A1 | | | ROCPCU TECHNOLOGY CO., LTD | | | | | | | | |
| REV | DATE | REVISION | DESCRIPTION | | | ISSUE | Copies are issued in strict confidence and shall not be reproduced or copied, or used as the basic of manufacture or sale of apparatus without permission | | | | |

TP92221P 

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: $\geq 1000M\Omega$
 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. 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 \sim $+55$ °C
 工作环境温度: -20 °C \sim $+55$ °C
- 14. Compression torque: $\leq 3.5N$
 按压扭力: $\leq 3.5N$
- 15. Electrical life: 100000 cycles
 电气寿命: 100000 cycles
- 16. mechanical: 500000cycles
 机械寿命: 500000cycles
- 17. NO reverse thrust foot torque: $\leq 30N$
 NO反推脚扭力: $\leq 30N$

| | | | | | | | | | | | |
|-----|------|----------|-------------|---|------------------|------------|---------------------------|--------|------------|---|--|
| A4 | | | |  台普 ROCPCU | COMMON TOLERANCE | | UNIT | MM | PROJECTED |  | PRODUCT NAME: |
| A3 | | | | | X.XX | ± 0.10 | DRAWN BY | SHUHAO | CHECKED BY | COCO | MODEL NO: TP92221P   |
| A2 | | | | | X.X | ± 0.15 | DATE | 2019 | APPROVAL B | ALEN | Https: www.rocpcu.tw |
| A1 | | | | | X | ± 0.25 | ROCPCU TECHNOLOGY CO.,LTD | | | | |
| REV | DATE | REVISION | DESCRIPTION | | ISSUE | ANGULAR | | | | | |
| | A | | B | | C | | D | E | F | G | |

| 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 | |

| | | | | | | | | | | | |
|-----|------|----------|-------------|--|------------------|---------|----------------------------------|--------|------------|---|----------------------|
| A4 | | | |  ROCPCU | COMMON TOLERANCE | | UNIT | MM | PROJECTED |  | PRODUCT NAME: |
| A3 | | | | | X.XX | ± 0.10 | DRAWN BY | SHUHAO | CHECKED BY | COCO | MODEL NO: TP92221P□□ |
| A2 | | | | | X.X | ± 0.15 | DATE | 2019 | APPROVAL B | ALEN | Https: www.rocpu.tw |
| A1 | | | | | X | ± 0.25 | ROCPCU TECHNOLOGY CO.,LTD | | | | |
| REV | DATE | REVISION | DESCRIPTION | | ISSUE | ANGULAR | | | | | |