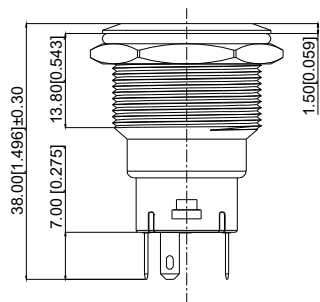
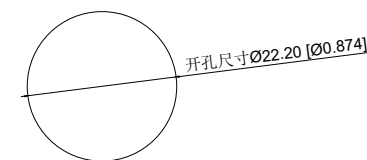


Schematic diagram of monochromatic gas  
单色电气原理图



Installation View  
安装视图

|     |      |          |             |       |
|-----|------|----------|-------------|-------|
| A4  |      |          |             |       |
| A3  |      |          |             |       |
| A2  |      |          |             |       |
| A1  |      |          |             |       |
| REV | DATE | REVISION | DESCRIPTION | ISSUE |



COMMON TOLERANCE

|         |        |
|---------|--------|
| X.XX    | ± 0.10 |
| X.X     | ± 0.15 |
| X       | ± 0.25 |
| ANGULAR | —      |

UNIT

MM

PROJECTED



PRODUCT NAME:

DRAWN BY

FUYUAN

CHECKED BY

COCO

MODEL NO: TP92217P224GS

DATE

2019

APPROVAL B

ALEN

Https: www.roc pu. tw

ROC PU TECHNOLOGY CO.,LTD

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| A |                                                                                                                                                                | B |      | C |                      | D |                                                           | E |                                                                                                                                                          | F |        | G |            |  |      |  |                         |  |   |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|---|----------------------|---|-----------------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------|---|------------|--|------|--|-------------------------|--|---|
| 1 | 性能参数                                                                                                                                                           |   |      |   |                      |   | 13. Electrical life: 100000 cycles<br>电气寿命: 100000 cycles |   |                                                                                                                                                          |   |        |   | 1          |  |      |  |                         |  |   |
|   | 1. Heating current: Ui: AC250V, lth: 5A<br>发热电流: Ui: AC250V, lth: 5A                                                                                           |   |      |   |                      |   | 14. mechanical: 500000cycles<br>机械寿命: 500000cycles        |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
|   | 2. Rated current:3A/DC36V<br>额定电流:3A/DC36V                                                                                                                     |   |      |   |                      |   | 15. Operation method:Self repeating form<br>操作方式: 自复式     |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
| 2 | 3. Power-frequency withstand voltage:2000V1min<br>工频耐压:2000V1min                                                                                               |   |      |   |                      |   | 16. LED lamp power consumption: 20m以下<br>LED灯功耗: 20m以下    |   |                                                                                                                                                          |   |        |   | 2          |  |      |  |                         |  |   |
|   | 4. Insulation resistance:≥1000MΩ<br>绝缘电阻 :≥1000MΩ                                                                                                              |   |      |   |                      |   | 17. LED lamp lifespan: 40000h<br>LED寿命: 40000h            |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
|   | 5. Contact resistance:≤50mΩ<br>接触电阻 :≤50mΩ                                                                                                                     |   |      |   |                      |   | 18. LED color: Green<br>LED颜色: 绿色                         |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
| 3 | 6. Pressing stroke:2.50mm ± 0.10<br>按压行程:2.50mm ± 0.10                                                                                                         |   |      |   |                      |   | 19. LED Lamp Voltage: 24V<br>LED灯电压: 24V                  |   |                                                                                                                                                          |   |        |   | 3          |  |      |  |                         |  |   |
|   | 7. Contact stroke:1.50mm±0.10<br>接触行程 :1.50mm±0.10                                                                                                             |   |      |   |                      |   | 20. NO reverse thrust foot torque: ≤30N<br>NO反推脚扭力: ≤30N  |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
|   | 8. Nut assembly torque:5-14N<br>螺帽装配力矩:5-14N                                                                                                                   |   |      |   |                      |   |                                                           |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
| 4 | 9. Protection level:IP67<br>防护等级:IP67                                                                                                                          |   |      |   |                      |   |                                                           |   |                                                                                                                                                          |   |        |   | 4          |  |      |  |                         |  |   |
|   | 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 ℃                                                                                        |   |      |   |                      |   |                                                           |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
| 5 | 12. Compression torque: ≤ 4N<br>按压扭力: ≤ 4N                                                                                                                     |   |      |   |                      |   |                                                           |   |                                                                                                                                                          |   |        |   | 5          |  |      |  |                         |  |   |
|   | 连接形式                                                                                                                                                           |   |      |   |                      |   |                                                           |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
|   | 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                                  |   |      |   |                      |   |                                                           |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
| 6 | 2. Can be used with dedicated connectors:<br>可配专用接插件使用:                                                                                                        |   |      |   |                      |   |                                                           |   |                                                                                                                                                          |   |        |   | 6          |  |      |  |                         |  |   |
|   | 2.1 1NO1NCSwitch function wire: green (C) blue wire (NO) yellow wire (NC)<br>1NO1NC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                                |   |      |   |                      |   |                                                           |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
| 7 | 2.3 LED functional wire: red wire positive pole black wire negative pole LED without distinguishing positive and negative poles<br>LED功能线材: 红线正极 黑线负极 LED不分正负极 |   |      |   |                      |   |                                                           |   |                                                                                                                                                          |   |        |   | 7          |  |      |  |                         |  |   |
|   |                                                                                                                                                                |   |      |   |                      |   |                                                           |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
|   |                                                                                                                                                                |   |      |   |                      |   |                                                           |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
| 8 | A4                                                                                                                                                             |   |      |   |                      |   | COMMON TOLERANCE                                          |   | UNIT                                                                                                                                                     |   | MM     |   | PROJCTED   |  | ⊕ ⊞  |  | PRODUCT NAME:           |  | 8 |
|   | A3                                                                                                                                                             |   |      |   |                      |   |                                                           |   | DRAWN BY                                                                                                                                                 |   | FUYUAN |   | CHECKED BY |  | COCO |  | MODEL NO: TP92217P224GS |  |   |
|   | A2                                                                                                                                                             |   |      |   |                      |   | X.XX ± 0.10                                               |   | DATE                                                                                                                                                     |   | 2019   |   | APPROVAL B |  | ALEN |  | Https: www.rocpcu.tw    |  |   |
| 9 | A1                                                                                                                                                             |   |      |   |                      |   | X.X ± 0.15                                                |   | ROC PU TECHNOLOGY CO.,LTD                                                                                                                                |   |        |   |            |  |      |  |                         |  | 9 |
|   | REV                                                                                                                                                            |   | DATE |   | REVISION DESCRIPTION |   | ISSUE                                                     |   |                                                                                                                                                          |   |        |   |            |  |      |  |                         |  |   |
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| A |                                                                                                                                                                | B |      | C |                      | D |                                                           | E |                                                                                                                                                          | F |        | G |            |  |      |  |                         |  |   |

|          |                          |   |  |                     |  |           |  |                    |  |   |  |   |  |
|----------|--------------------------|---|--|---------------------|--|-----------|--|--------------------|--|---|--|---|--|
| A        |                          | B |  | C                   |  | D         |  | E                  |  | F |  | G |  |
| 材质参数     |                          |   |  |                     |  |           |  |                    |  |   |  |   |  |
| 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底座        |   |  | 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            |   |  | SUS<br>不锈钢          |  | 1         |  |                    |  |   |  |   |  |
| 1        | Key<br>按键                |   |  | SUS<br>不锈钢          |  | 1         |  |                    |  |   |  |   |  |
| NO<br>序号 | Part name<br>部件名         |   |  | Material<br>材料      |  | QTY<br>数量 |  | Remark<br>备注       |  |   |  |   |  |

|                                                                                                                                                          |      |          |             |                                                                                                                      |                            |      |            |        |                      |                                                                                       |                         |       |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|-------------|----------------------------------------------------------------------------------------------------------------------|----------------------------|------|------------|--------|----------------------|---------------------------------------------------------------------------------------|-------------------------|-------|---------|
| A4                                                                                                                                                       |      |          |             |  <div>台普</div> <div>ROC CPU</div> | COMMON TOLERANCE           |      | UNIT       | MM     | PROJCTED             |  | PRODUCT NAME:           |       |         |
| A3                                                                                                                                                       |      |          |             |                                                                                                                      |                            |      | DRAWN BY   | FUYUAN | CHECKED BY           | COCO                                                                                  | MODEL NO: TP92217P224GS |       |         |
| A2                                                                                                                                                       |      |          |             |                                                                                                                      | DATE                       | 2019 | APPROVAL B | ALEN   | Https: www.rocpcu.tw |                                                                                       |                         |       |         |
| A1                                                                                                                                                       |      |          |             |                                                                                                                      | ROC CPU TECHNOLOGY CO.,LTD |      |            |        |                      |                                                                                       |                         |       |         |
| REV                                                                                                                                                      | DATE | REVISION | DESCRIPTION |                                                                                                                      |                            |      |            |        |                      |                                                                                       |                         | ISSUE | ANGULAR |
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| A                                                                                                                                                        |      | B        |             | C                                                                                                                    |                            | D    |            | E      |                      | F                                                                                     |                         | G     |         |