

- 10A 触点切换能力
- 标准印制板引出脚
- 塑封型
- 外形尺寸 L × W × H: 18.4 × 10.2 × 15.5mm
- 10A Switching capability
- Standard PCB layout
- Sealed type
- Outline dimensions L × W × H: 18.4 × 10.2 × 15.5mm

| | | | | | | | | |
|---------------|---------------------|-----------------------|---------------------------------|----------------------|---|-----------|---|----------|
| MPD | - | S | - | 1 | - | 12 | - | A |
| 产品型号 Model | 产品结构 Structure | 触点组数 Contact Group | 线圈电压 Coil Voltage | 触点形式 Contact Form | | | | |
| | S: 塑封型 S: Sealed | 1: 1 组 1: 1 Group | 05, 06, 09, 12 18, 24, 48VDC | A: 常开 A: NO | | | | |

触点参数 Contact Parameters

| | | |
|--|-----------------------|---------------------------|
| 触点形式 Contact Arrangement | | 1A |
| 触点材料 Contact Material | | 银合金 Silver Alloy |
| 接触电阻 (初始) Contact Resistance (Initial) | | ≤100mΩ (1A 6VDC) |
| 触点负载 (阻性) Contact Rating (Res. load) | 标准型 Standard Type | 10A 250VAC 5A 250VAC |
| | 灵敏型 Sensitive Type | 5A 250VAC 10A 250VAC |
| 最大切换电流 Max. Switching Current | | 10A |
| 最大切换电压 Max. Switching Voltage | | 250VAC/30VDC |
| 最大切换功率 Max. Switching Power | | 2500VA/300W |
| 电气寿命 Electrical Life | | 1 × 10 ⁵ 次 OPS |
| 机械寿命 Mechanical Life | | 1 × 10 ⁶ 次 OPS |

性能参数 Characteristics

| | | |
|----------------------------|----------------|---|
| 绝缘电阻 Insulation Resistance | | 1000MΩ (500VDC) |
| 介质耐压 Dielectric Strength | | 触点与线圈间 Between Coil & Contacts: 4000VAC 1min 断开触点间 Between Open Contacts: 1000VAC 1min |
| 动作时间 Operate Time | | ≤10ms |
| 释放时间 Release Time | | ≤5ms |
| 环境温度 Ambient Temperature | | -40℃ ~ +105℃ |
| 振动 Vibration | | 10Hz~55Hz 1.5mm 双振幅 (DA) |
| 冲击 Shock | 稳定性 Functional | 98m/s ² (10G) |
| | 强度 Destructive | 980m/s ² (100G) |
| 引出端方式 Terminal Form | | 印制板式 PCB |
| 封装形式 Construction | | 塑封型 Sealed |
| 重量 Unit Weight | | 约 Approx.6g |

线圈规格表 Coil Data(23℃)

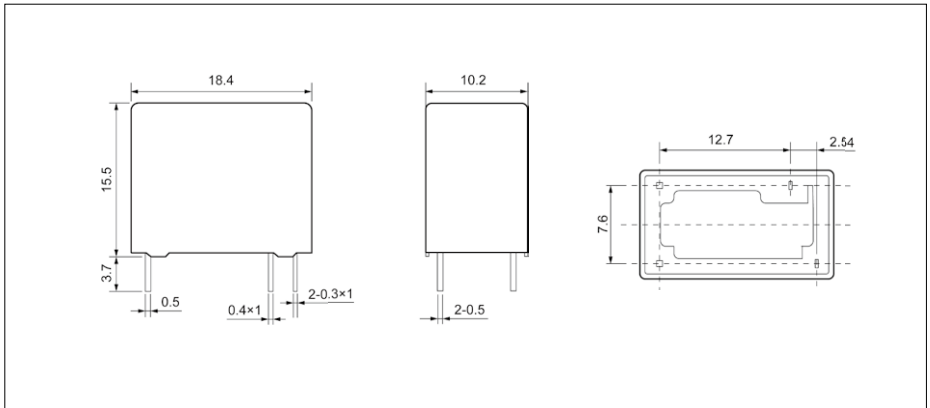
| 额定电压 Rated Voltage VDC | 动作电压 Operate Voltage VDC | 释放电压 Release Voltage VDC | 最大允许电压 Max. Allowable voltage VDC | 线圈电阻 Coil Resistance $\Omega \pm 10\%$ | 线圈功耗 Coil Power W |
|------------------------------|--------------------------------|--------------------------------|---|--|--|
| 5 | ≤ 3.75 | ≥ 0.25 | 7.5 | 55.6 | 约 Approx. 0.45 标准型 Standard Type |
| 6 | ≤ 4.5 | ≥ 0.3 | 9 | 80 | |
| 9 | ≤ 6.75 | ≥ 0.45 | 13.5 | 180 | |
| 12 | ≤ 9 | ≥ 0.6 | 18 | 320 | |
| 18 | ≤ 13.5 | ≥ 0.9 | 27 | 720 | |
| 24 | ≤ 18 | ≥ 1.2 | 36 | 1280 | |
| 48 | ≤ 36 | ≥ 2.4 | 72 | 5120 | |
| 5 | ≤ 3.75 | ≥ 0.25 | 7.5 | 125 | 约 Approx. 0.2 灵敏型 Sensitive Type |
| 6 | ≤ 4.5 | ≥ 0.3 | 9 | 180 | |
| 9 | ≤ 6.75 | ≥ 0.45 | 13.5 | 405 | |
| 12 | ≤ 9 | ≥ 0.6 | 18 | 720 | |
| 18 | ≤ 13.5 | ≥ 0.9 | 27 | 1620 | |
| 24 | ≤ 18 | ≥ 1.2 | 36 | 2880 | |
| 48 | ≤ 36 | ≥ 2.4 | 72 | 11520 | |

安全认证 Approvals

| 安全认证 Approvals | UL | TUV | CQC |
|-------------------------|---|-------------------------------------|-------------------------------------|
| 证书编号 Certificate Number | E358149 | R50184948 | CQC10002049964 |
| 负载 Rating | 10A 250VAC/30VDC 5A 250V/30VDC 10A 125VAC/30VDC | 10A 250VAC/30VDC 5A 250VAC/30VDC | 10A 250VAC/30VDC 5A 250VAC/30VAC |

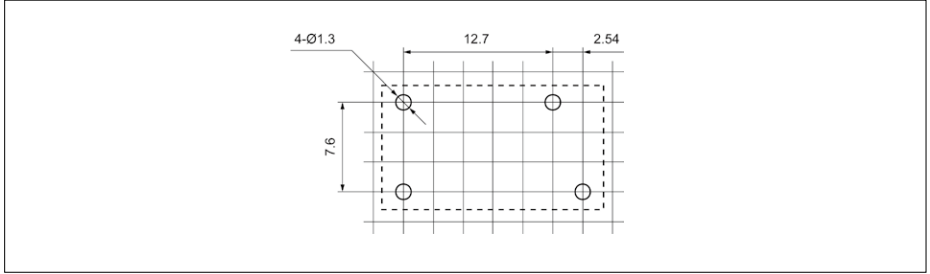
外形尺寸 Outline Dimensions

单位 Unit: mm

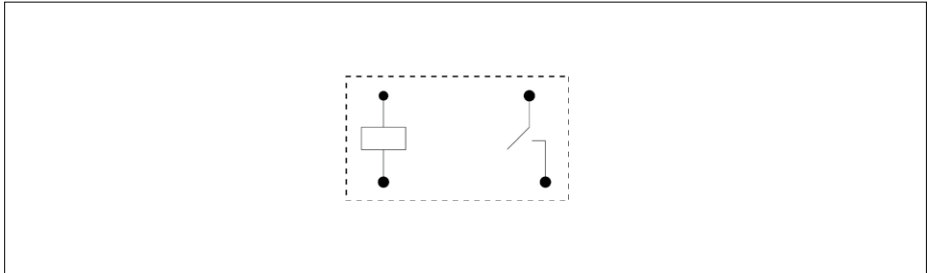


安装孔尺寸 (底视图) PCB Layout (Bottom View)

单位 Unit: mm



接线图 (底视图) Wiring Diagram (Bottom View)



备注: (1) 产品部分外形尺寸未注尺寸公差, 当外形尺寸 $\leq 1\text{mm}$, 公差为 $\pm 0.2\text{mm}$;
 当外形尺寸在 $1\sim 5\text{mm}$ 之间时, 公差为 $\pm 0.3\text{mm}$; 当外形尺寸 $> 5\text{mm}$ 时, 公差为 $\pm 0.4\text{mm}$;
 (2) 安装孔尺寸中未注尺寸公差的均为 $\pm 0.1\text{mm}$ 。

REMARK:

- (1) In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$;
- (2) The tolerance without indicating for PCB layout is always $\pm 0.1\text{mm}$.

性能曲线图 Performance Curve

