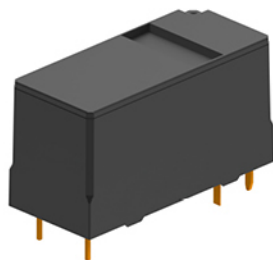


- 16A 触点切换能力
- 触点与线圈间介质耐压 5KV
- 外形尺寸 L × W × H: 29 × 12.7 × 15.5mm
- 16A Switching capability
- 5KV Dielectric strength between coil and contacts
- Outline dimensions L × W × H: 29 × 12.7 × 15.5mm



| | MPE | S | 1 | 12 | A | N | F |
|------------|---------------------|------------------------|---------------------------------|-------------------------------------|-----------------------------------|--|---|
| 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 | 线圈功耗 Coil Power | 绝缘等级 Insulation Class | |
| | S: 塑封型 S: Sealed | 1 : 1 组 1 : 1 Group | 05, 06, 09, 12, 18 24, 48VDC | A: 常开 C: 转换 A: NO C: NO/NC | 无 : 0.4W Nil: 0.4W N: 0.53W | F: F 级 无 : 标准型, B 级 F: Class F Nil: Standard type, Class B | |

触点参数 Contact Parameters

| | |
|---|---------------------------|
| 触点形式 Contact Arrangement | 1A, 1C |
| 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) | 常开 NO: 16A 常闭 NC: 5A |
| 最大切换电流 Max. Switching Current | 16A |
| 最大切换电压 Max. Switching Voltage | 250VAC |
| 最大切换功率 Max. Switching Power | 4000VA |
| 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: 5000VAC 1min 断开触点间 Between Open Contacts: 1000VAC 1min | |
| 动作时间 Operate Time | ≤15ms | |
| 释放时间 Release Time | ≤8ms | |
| 环境温度 Ambient Temperature | -40℃ ~ +85℃ | |
| 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. 13.5g | |

线圈规格表 Coil Data(23°C)

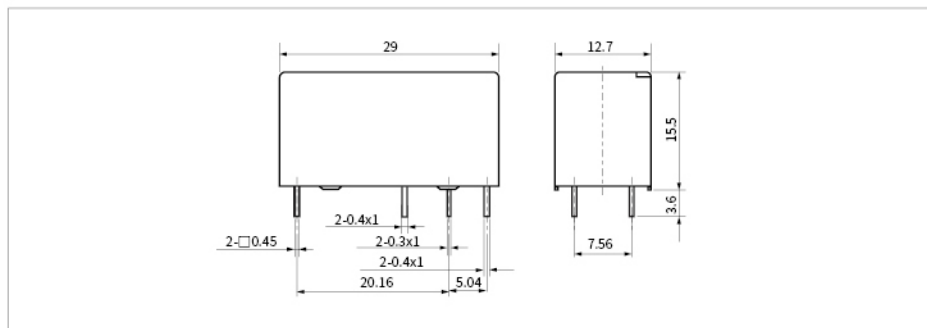
| 额定电压 Rated Voltage VDC | 动作电压 Operate Voltage VDC | 释放电压 Release Voltage VDC | 最大允许电压 Max. Allowable voltage VDC | 线圈电阻 Coil Resistance $\Omega \pm 10\%$ | 线圈功耗 Coil Power W |
|------------------------------|--------------------------------|--------------------------------|---|--|-------------------------|
| 5 | ≤ 3.75 | ≥ 0.25 | 7.5 | 62 | 约 Approx. 0.4 |
| 6 | ≤ 4.5 | ≥ 0.3 | 9 | 90 | |
| 9 | ≤ 6.75 | ≥ 0.45 | 13.5 | 202 | |
| 12 | ≤ 9.0 | ≥ 0.6 | 18 | 360 | |
| 18 | ≤ 13.5 | ≥ 0.9 | 27 | 810 | |
| 24 | ≤ 18 | ≥ 1.2 | 36 | 1440 | |
| 48 | ≤ 36 | ≥ 2.4 | 72 | 5760 | |
| 5 | ≤ 3.75 | ≥ 0.25 | 7.5 | 47 | 约 Approx. 0.53 |
| 6 | ≤ 4.5 | ≥ 0.3 | 9 | 68 | |
| 9 | ≤ 6.75 | ≥ 0.45 | 13.5 | 152 | |
| 12 | ≤ 9.0 | ≥ 0.6 | 18 | 270 | |
| 18 | ≤ 13.5 | ≥ 0.9 | 27 | 611 | |
| 24 | ≤ 18 | ≥ 1.2 | 36 | 1086 | |
| 48 | ≤ 36 | ≥ 2.4 | 72 | 4350 | |

安全认证 Approvals

| 安全认证 Approvals | UL | TUV | CQC |
|----------------------------|--|-----------|--------------------------|
| 证书编号 Certificate Number | E358149 | R50302777 | CQC15002122983 |
| 负载 Rating | 16A 250VAC 16A 277VAC 1HP 250VAC 1/2HP 120VAC | 16A250VAC | 16A 250VAC 16A 277VAC |

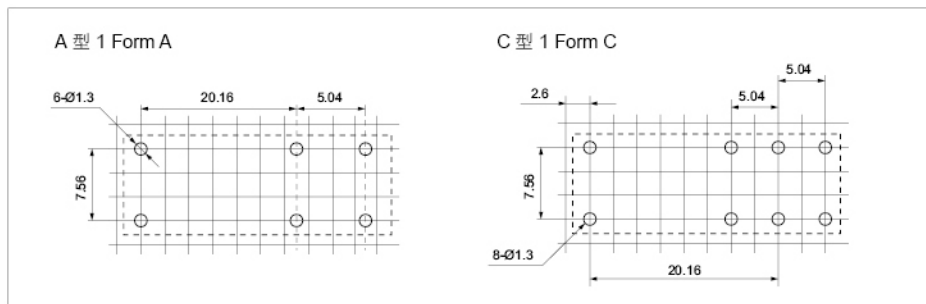
外形尺寸 Outline Dimensions

单位 Unit: mm

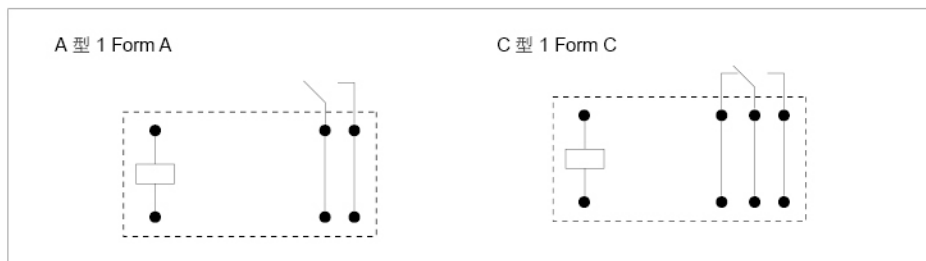


安装孔尺寸 (底视图) PCB Layout (Bottom View)

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

