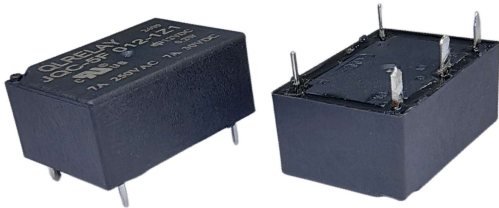


Power Relay Series 功率继电器系列--JQC-5F

FEATURES特点

- Up to 10A contact switching capability
高达10A触点切换能力
- Plastic sealed and flux proofed types available
塑封型与防焊剂型可供选择
- Low height, flat construction
低高度、扁平式结构
- Overall dimensions (22.6*16.2*10.2) mm.
外形尺寸（22.6*16.2*10.2）mm。



CONTACT PARAMETERS触点参数

| | |
|----------------------------------|---------------------------|
| Contact Form触点形式 | 1Z - 1组转换 |
| Rating Load (Resistive) 额定负载（阻性） | NO/NC: 7A 250VAC 7A 30VDC |
| Max. Switching Current最大切换电流 | 10A |
| Max.Switching Voltage最大切换电压 | 250VAC/30VDC |
| Max.Switching Power最大切换功率 | 1750VA/210W |

CHARACTERISTICS性能参数

| | | | |
|---------------------------------|---|---|--|
| Contact Materials触点材料 | Ag Alloy银合金 | | |
| Contact Resistance接触电阻 | 100mΩ Max | | |
| Operate Time吸合时间 | 10ms. Max | | |
| Release Time释放时间 | 5ms. Max | | |
| Insulation Resistance绝缘电阻 | 1,000MΩ Min.(DC500V) | | |
| Initial Dielectric Strength介质耐压 | between open contacts: 触点与触点间: | AC1,000V,50/60Hz 1Min | |
| | between contacts and coil: 触点与线圈间: | AC2,500V,50/60Hz 1Min | |
| Vibration Resistance抗振动 | Damage limits: 耐久: | 10～55Hz Double Amplitude双振幅1.5mm | |
| | Malfunction: 误动作: | 10～55Hz Double Amplitude双振幅1.5mm | |
| Shock Resistance抗冲击 | Damage limits: 耐久: | 100G Min | |
| | Malfunction: 误动作: | 10G Min | |
| Life寿命 | Mechanical Life (10800 per hour) 机械寿命（每小时10800次） | 1×10 ⁷ | |
| | Electrical Life 电气寿命 (阻性负载 Resistive Load) | 1×10 ⁵ （ON:OFF 1S:9S 23℃ 不封气孔） | |
| Ambient Temperature环境温度 | -40℃ ～ +85℃（No condensation）（不冷凝） | | |
| Unit Weight单位重量 | 约Approx.9.0g | | |

COIL RATINGS (at23°C) 线圈参数 (在23°C)

| Coil Nominal Voltage 额定电压 (VDC) | Nominal Current 额定电流 ±10%(mA) | Coil Resistance 线圈电阻 ±10% (Ω) | Maximum applied voltage 最大外加电压 | Pick-Up Voltage 吸合电压 (Max) | Drop-Out Voltage 释放电压 (Min) | Rated power 额定功率 |
|------------------------------------|----------------------------------|----------------------------------|--|--|--|-------------------------|
| 3 | 150.00 | 20 | Coil Nominal Voltage 130% 额定电压的 130 | Coil Nominal Voltage 75% 额定电压的 75% | Coil Nominal Voltage 10% 额定电压的 10% | About 0.45 W 约0. 45W |
| 5 | 90.00 | 55 | | | | |
| 6 | 75.00 | 80 | | | | |
| 9 | 50.00 | 180 | | | | |
| 12 | 37.00 | 320 | | | | |
| 18 | 25.00 | 720 | | | | |
| 24 | 18.75 | 1280 | | | | |
| 48 | 9.38 | 5120 | Coil Nominal Voltage 130% 额定电压的 130% | Coil Nominal Voltage 75% 额定电压的 75% | Coil Nominal Voltage 10% 额定电压的 10% | About 0.2 W 约0. 2W |
| 3 | 66.67 | 45 | | | | |
| 5 | 40.00 | 125 | | | | |
| 6 | 33.33 | 180 | | | | |
| 9 | 22.50 | 400 | | | | |
| 12 | 16.67 | 720 | | | | |
| 18 | 11.25 | 1600 | | | | |
| 24 | 8.57 | 2800 | | | | |

备注：最大外加电压是指线圈在短时间内能承受的最大电压值。
The maximum applied voltage refers to the maximum voltage value that the coil can withstand in a short period of time

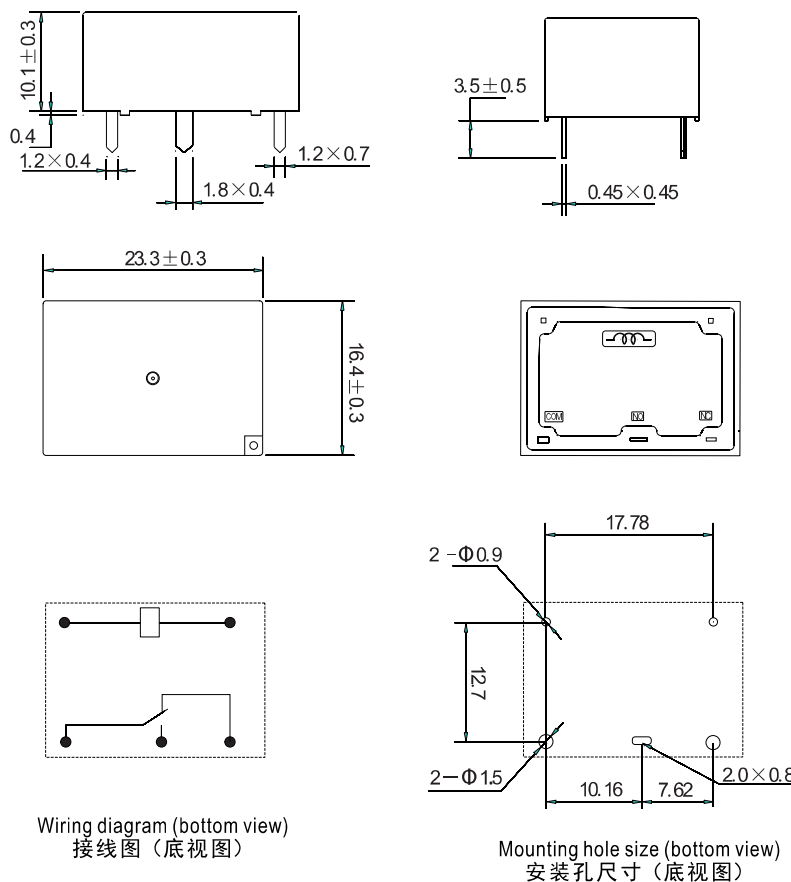
ORDERING INFORMATION订货标记

| JQC-5F 012 - 1 Z 1 | | | | |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| 1.Model Number基本型号 JQC-5F | 4. Contact form: H-1Form A, Z-1Form C 触点形式：H-1组常开 Z-1组转换 | | | |
| 2. Coil Voltage线圈规格 (VDC) : DC3V DC5V DC6V,DC9V,DC12V,DC18V,DC24V, | 5.Coil Power: 1- sensitive type (0. 2 W), 6- standard type (0.45W) | | | |
| 3.Type of Sealing: 1 - One Pole 开关形式： 1 — 一组开关 | 线圈功率：1 –灵敏型(0. 2 W), 6– 标准型(0.4W) | | | |

SAFETY STANDARD安规认证

| | |
|-----------------------------|--|
| AuthType Basic认证类别 | UL |
| Authentication Load 认证负载 | NO: 10A 250VAC 10A 30VDC NO/NC: 7A 250VAC 7A 30VDC |

OUTLINE DIMENSIONS (UNIT:mm)外形尺寸（单位：mm）



Undimensioned tolerance: $<1\text{mm}$: $\pm 0.2\text{mm}$ $1 \sim 5\text{mm}$: $\pm 0.3\text{mm}$ $>5\text{mm}$: $\pm 0.4\text{mm}$
未标注尺寸公差: $<1\text{mm}$: $\pm 0.2\text{mm}$ $1 \sim 5\text{mm}$: $\pm 0.3\text{mm}$ $>5\text{mm}$: $\pm 0.4\text{mm}$

Note: 1. The size of the lead foot is pre welding dimension. 注: 1、引出脚尺寸为预焊前尺寸
2. installation hole size tolerance: $+0.1\text{mm}$ 2、安装孔尺寸公差: $\pm 0.1\text{mm}$

TYPICAL USE典型用途

- Home Appliances, Office Automation, Smart Home Products, Smart Plug Series
- 家用电器，办公自动设备，智能家居产品，智能插座系列

PERFORMANCE CHART性能曲线图

