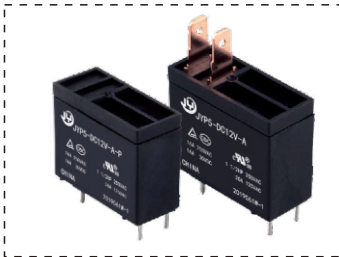


Power Relay Series 功率继电器系列 --JYP5

FEATURES特点

- 16A contact switching capability
16A 触点切换能力
- Suitable for microwave oven
适用于微波炉等产品
- 5KV dielectric strength between coil and contact
触点与线圈间介质耐压 5KV
- Outline dimensions 29.0 × 12.6 × 24.2mm
外形尺寸 29.0 × 12.6 × 24.2mm



CONTACT PARAMETERS触点参数

Contact Form触点形式	A-1组常开
Rating Load (Resistive) 额定负载 (阻性)	16A 250VAC/30VDC
Max. Switching Current最大切换电流	16A
Max.Switching Voltage最大切换电压	277VAC/30VDC
Max.Switching Power最大切换功率	4000VA/480W

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	20ms. Max		
Release Time释放时间	10ms. Max		
Insulation Resistance绝缘电阻	1000MΩ 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:	AC5,000V,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:	10G Min	
	Malfunction: 误动作:	100G Min	
Life寿命	Mechanical Life (10800 per hour) 机械寿命（每小时10800次）	1 × 10 ⁶	
	Electrical Life (1800 per hour) 电气寿命（每小时1800次）	1 × 10 ⁵	
Ambient Temperature环境温度	-40℃～+105℃（No condensation）（不冷凝）		
Unit Weight单位重量	约Approx.15.0g		

COIL RATINGS (at23℃) 线圈参数 (在23℃)

Coil Nominal Voltage 额定电压 (VDC)	Nominal Current 额定电流 ±10%(mA)	Coil Resistance 线圈电阻 ±10% (Ω)	Max. Continuous Voltage 最大连续外加电压	Pick-Up Voltage 吸合电压 (Max)	Drop-Out Voltage 释放电压 (Min)	Rated power 额定功率
5	106.38	47	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 0.54W 约0.54 W
6	88.24	68				
9	58.07	155				
12	44.45	270				
18	29.03	620				
24	21.82	1100				
48	10.91	4400				

ORDERING INFORMATION订货标记

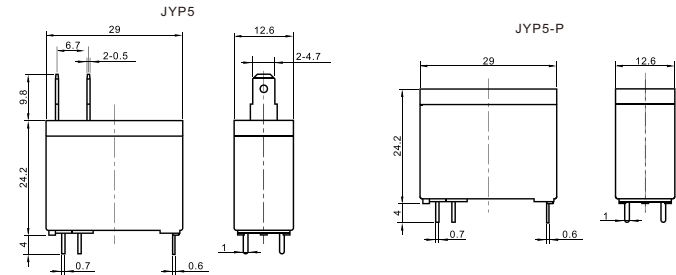
JYP5-DC12V-A-P-(XXX) 1 2 3 4 5				
1. Model Number基本型号 JYP5		4. Termination: Nil: PCB+QC P: PCB 引出端形式: 无: 印刷板 + 快连接式 P: 印刷板式		
2. Coil Voltage线圈规格 (VDC): DC5V,DC6V,DC9V,DC12V,DC18V,DC24V,DC24V,DC48V		5. Customer Special Code :XXX-Customer Special Requirements No - Standard Type 客户特性号: XXX-客户特殊要求, 无-标准型		
3. Contact form: A-1Form A 触点形式: A-1组常开				

SAFETY STANDARD安规认证

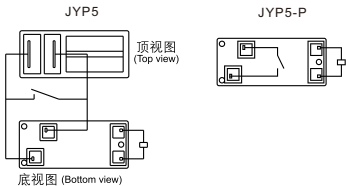
AuthType Basic认证类别	UL/C__UL	TUV	CQC
Authentication Load 认证负载	16A 250VAC/30VDC 20A 125VAC 1-1/2HP 250VAC	16A 250VAC/30VDC	16A 250VAC/30VDC 20A 125VAC

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

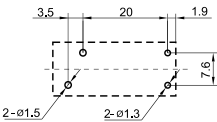
外形尺寸 OUTLINE DIMENSIONS



接线图 WIRING DIAGRAM（底视 Bottom View）



安装孔尺寸 PCB LAYOUT（底视 Bottom View）



Undimensioned tolerance: <1mm: ±0.2mm 1~5mm: ±0.3mm >5mm: ±0.4mm
未标注尺寸公差: <1mm: ±0.2mm 1~5mm: ±0.3mm >5mm: ±0.4mm
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: + 0.1mm 2、安装孔尺寸公差: ±0.1mm

TYPICAL USE典型用途

- Household equipment, Office equipment, Audio, Smart home, Smart socket, Etc..
- 家用设备，办公设备，音响，智能家居，智能插座等

PERFORMANCE CHART性能曲线图

