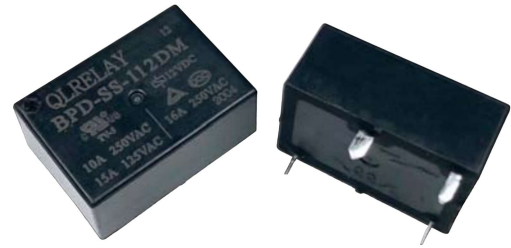


Power Relay Series 功率继电器系列--BPD

FEATURES特点

- Up to 16A contact switching capability
高达16A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 (23.0X16.0X10.5) mm.
外形尺寸 (23.0X16.0X10.5) mm。



CONTACT PARAMETERS触点参数

Contact Form触点形式	1H -1组常开
Rating Load (Resistive) 额定负载 (阻性)	16A/250VAC 15A/125VAC TV-5/125VAC
Max. Switching Current最大切换电流	16A
Max. Switching Voltage最大切换电压	250VAC
Max. Switching Power最大切换功率	4000VA

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
	Malfuction: 误动作:	10~55Hz Double Amplitude双振幅1.5mm
Shock Resistance抗冲击	Damage limits: 耐久:	100G Min
	Malfuction: 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 (1800 per hour) 电气寿命 (每小时1800次)	1×10 ⁵
Ambient Temperature环境温度	-40°C ~ +105°C (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)	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
3	66.67	45	Coil Nominal Voltage 150% 额定电压的 150%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 10% 额定电压的 10%	About 0.20 W 约0.20W
5	40.00	125				
6	33.33	180				
9	22.22	405				
12	16.67	720				
18	11.11	1,620				
24	8.57	2,800				
48	4.17	11,510				

ORDERING INFORMATION 订货标记

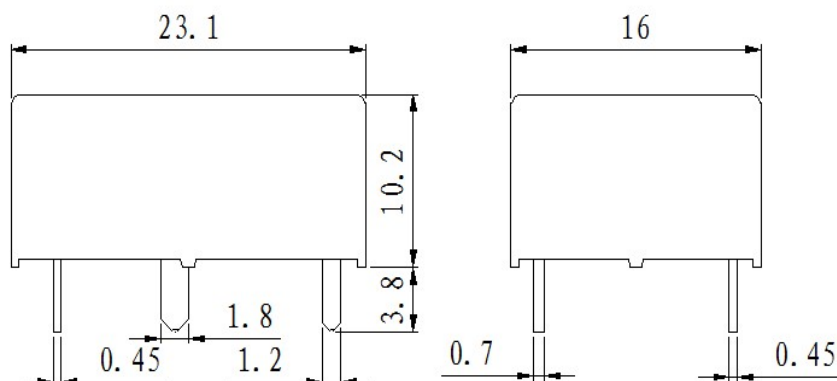
BPD - SS - 1 12 DM 1 2 3 4 5	
1. Model Number 基本型号 BPD 2. Encapsulation form: SS-Plastic Sealed SH:Fluk proofed 封装形式: SS-塑封型 SH-防焊剂型 3. Type of Sealing: 1 - One Pole 开关形式: 1 - 一组开关	4. Coil Voltage 线圈规格 (VDC): DC3V, DC5V, DC6V, DC9V, DC12V, DC18V, DC24V, DC48V 5. Contact form: DM-1FormA 触点形式: DM-1组常开

SAFETY STANDARD 安规认证

AuthType Basic 认证类别	CQC	TUV 105°C	UL
Authentication Load 认证负载	16A 250VAC	16A 250VAC	15A 125VAC TV-5 125VAC

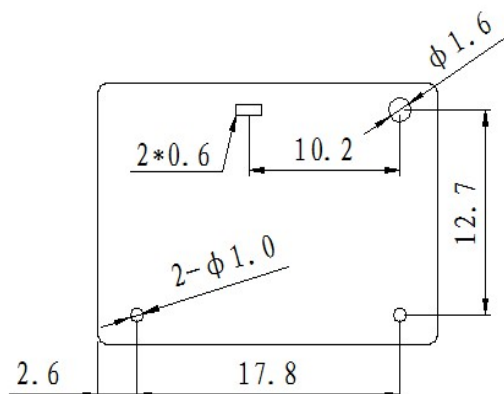
OUTLINE DIMENSIONS (UNIT:mm) 外形尺寸 (单位: mm)

外形图

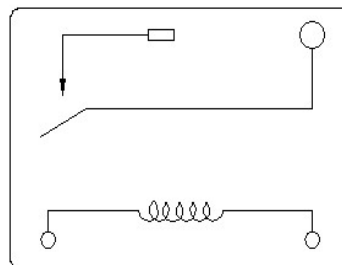


OUTLINE DIMENSIONS (UNIT:mm)外形尺寸 (单位: mm)

安装孔尺寸底视图



接线图底视图



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

- 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

