

Power Relay Series 功率继电器系列 --BJ

FEATURES特点

- Up to 5A contact seitching capability
高达 5A 触点切换能力
- 4.0kV dielectris strength(between coil and contacts)
线圈与触点间介质耐压4.0kV
- Plastic sealed and water proofed types
塑封型与防水型可供选择
- Overall dimensions (17.6X10.1X12.3) mm.
外形尺寸（17.6X10.1X12.3 ）mm。



CONTACT PARAMETERS触点参数

Contact Form触点形式	BJ
	A-1组常开
Rating Load (Resistive)额定负载（阻性）	5A 250VAC/30VDC
Max. Switching Current最大切换电流	5A
Max.Switching Voltage最大切换电压	250VAC
Max.Switching Power最大切换功率	1,250VA/150W

CHARACTERISTICS性能参数

Contact Materials触点材料	Ag Alloy银合金		
Contact Resistance接触电阻	50mΩ Max		
Operate Time吸合时间	8ms. Max		
Release Time释放时间	5ms. 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:	AC4,000V,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 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℃～+105℃（No condensation）（不冷凝）		
Unit Weight单位重量	约Approx.4.6g		

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				
3	66.67	45	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
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能承受的最大电压值。

ORDERING INFORMATION订货标记

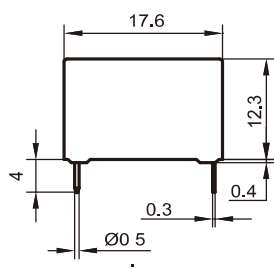
BJ - SS - 1 12 D M (11) 1 2 3 4 5 6 7						
1.Model Number基本型号 BJ			5.Coil Power: D - 0.45 W, L - 0.2W 线圈功率: D - 0.45 W, L - 0.2W			
2.Encapsulation form: SS - Plastic Sealed 封装形式: SS - 塑封型			6.Contact form: M- FormA 触点形式: M- 常开型			
3.Number or pole : 1 - 1 pole 触点组数: 1—1组触点			7.Induces foot position: 11 - 1 foot position 12 - 2 foot position 引出脚脚位: 11 — 1型脚 12 — 2型脚			
4.Coil Voltage线圈规格 (VDC): DC5V,DC6V,DC9V,DC12V,DC18V,DC24V						

SAFETY STANDARD安规认证

AuthType Basic认证类别	UL	TUV	CQC
Authentication Load 认证负载	5A/250VAC	10A/125VAC 5A/250VAC	5A/250VAC 5A/30VDC

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

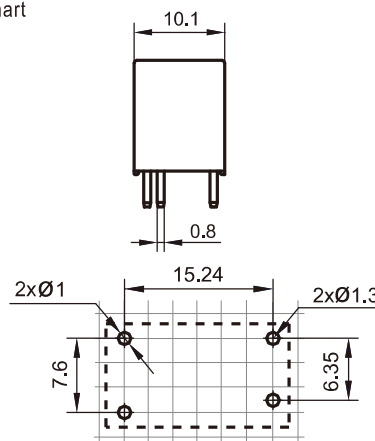
A group of regular, type 1 feet
一组常开、1型脚位



Wiring diagram (bottom view)
接线图（底视图）

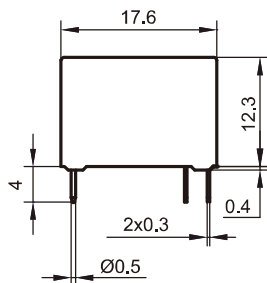


External Chart
外形图



Mounting hole size (bottom view)
安装孔尺寸（底视图）

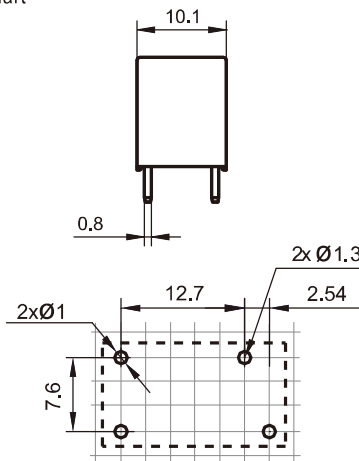
A group of regular, type 2 feet
一组常开、2型脚位



Wiring diagram (bottom view)
接线图（底视图）



External Chart
外形图



Mounting hole size (bottom view)
安装孔尺寸（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

- 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

