



特性 FEATURES

- 触点切换能力达16A 16A switching capability
- 低高度，仅为20.6mm Low height: 20.6mm
- 触点与线圈间介质耐压5kV 5KV dielectric strength (between coil and contacts)
- 灵敏型产品功耗仅为0.54W Sensitive type coil power only 0.54W
- 一组、两组触点形式 1 pole & 2 poles
- 配有多种插座可供选择 Kinds socket available
- 环保产品 (符合RoHS) (RoHS compliant)
- 外形尺寸: (29.0 x 12.6 x 20.6) mm Outline Dimensions: 29.0 x 12.6 x 20.6 mm

触点参数 CONTACT DATA

触点形式	Concat arrangement	1A 1C	2A 2C
接触电阻	Contact resistance	100mΩ (1A 6VDC)	
触点材料	Contact material	AgSnO ₂ , AgNi, AgCdO	
触点负载(阻性)	Contact rating (Res. load)	16A 240VAC/30VDC	5A 240VAC/30VDC
最大切换电压	Max. switching voltage	240VAC / 30VDC	
最大切换电流	Max. switching current	16A	5A
最大切换功率	Max. switching power	3840VA / 480W	1200VA / 150W
机械耐久性	Mechanical endurance	1 x 10 ⁷ 次	
电耐久性	Electrical endurance	1 x 10 ⁵ 次	

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(额定电压下)	Operate time (at normal.volt.)	≤15ms	
释放时间(额定电压下)	Release time (at normal.volt.)	≤5ms	
振动	Vibration resistance	10Hz ~ 55Hz 1.5mm 双振幅	
冲击 Shock resistance	稳定性 Functional	100m/s ² (10g)	
	强度 Destructive	1000m/s ² (100g)	
湿度	Humidity	5% ~ 85%RH	
温度范围	Ambient temperature	-40℃~ 70℃	
引出端方式	Termination	印制板式	PCB
重量	Unit weight	约13g	
封装方式	Construction	塑封型 Sealed	防焊剂型 Flux proofed

线圈规格表 COIL DATA

at 23°C

标准型 Standard Type (720mW)

线圈电压 Coil Voltage VDC	动作电压 Pick-up Voltage VDC	释放电压 Drop-out Voltage VDC	最大电压 Max. Allowable voltage VDC	线圈电阻 Coil Resistance Ω
5	4.0	0.5	6.5	36 x (1±10%)
6	4.8	0.6	7.8	50 x (1±10%)
9	7.2	0.9	11.7	115 x (1±10%)
12	9.6	1.2	15.6	200 x (1±10%)
18	14.4	1.8	23.4	460 x (1±10%)
24	19.2	2.4	31.2	820 x (1±10%)
48	38.4	4.8	62.4	3300 x (1±10%)

灵敏型 Sensitive Type (540mW)

线圈电压 Coil Voltage VDC	动作电压 Pick-up Voltage VDC	释放电压 Drop-out Voltage VDC	最大电压 Max. Allowable voltage VDC	线圈电阻 Coil Resistance Ω
5	4.0	0.5	6.5	47 x (1±10%)
6	4.8	0.6	7.8	68 x (1±10%)
9	7.2	0.9	11.7	155 x (1±10%)
12	9.6	1.2	15.6	270 x (1±10%)
18	14.4	1.8	23.4	620 x (1±10%)
24	19.2	2.4	31.2	1100 x (1±10%)
48	38.4	4.8	62.4	4400 x (1±10%)

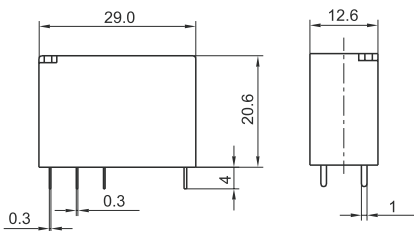
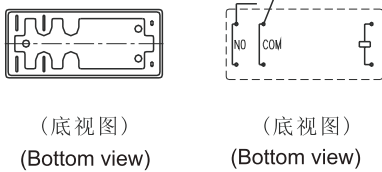
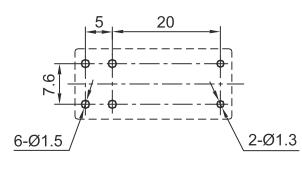
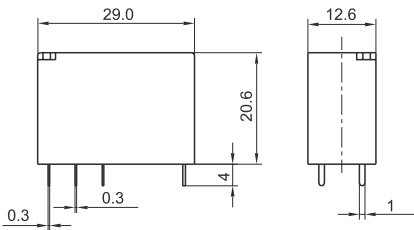
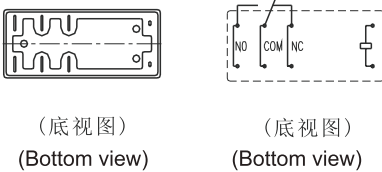
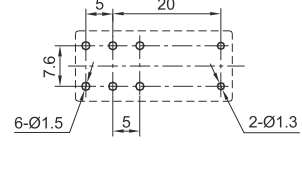
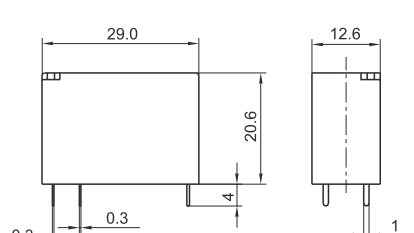
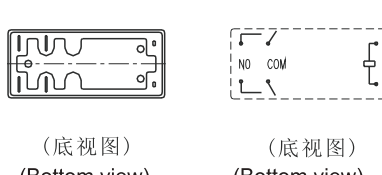
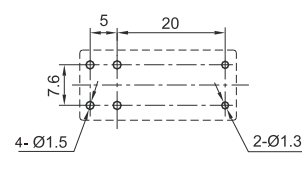
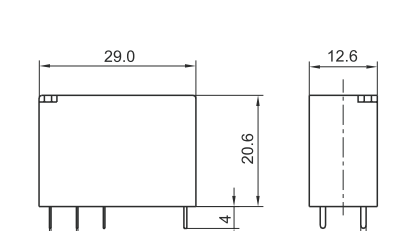
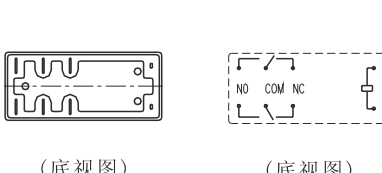
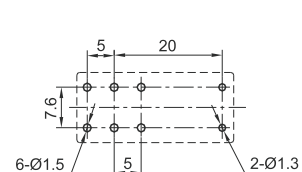
线圈参数 COIL

额定线圈功率 Coil power	标准型: Standard 720mW	灵敏型: Sensitive 540mW
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订货标记示例 ORDERING INFORMATION

MPJ2 - S - 1 12 - C		
继电器型号 Type		
封装方式 Construction	S: 塑封型 S: sealed	无: 防焊剂型 nil flux proofed
触点组数 Contact group	1: 1组 1: 1 group	2: 2组 2: 2 groups
线圈电压 Coil voltage	5~48VDC	
触点型式 Contact arrangement	A: 常开 A: NO	C: 转换 C: NO/NC

外形图、接线图、安装孔尺寸 OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

	外形图 Outline Dimensions	接线图 (底视图) Wiring Diagram (Bottom view)	安装孔尺寸 (底视图) PCB Layout (Bottom view)
1A			
1C			
2A			
2C			

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 $> 5\text{mm}$, 公差为 $\pm 0.4\text{mm}$;
 (2) 安装孔 $\pm 0.2\text{mm}$ 尺寸公差为 $\pm 0.1\text{mm}$ 。

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 $\pm 0.1\text{mm}$.