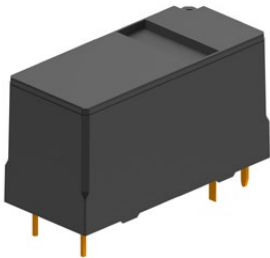


- 16A 触点切换能力
- 触点与线圈间介质耐压 5KV
- 外形尺寸 L×W×H: 29×12.7×15.5mm
- 16A Switching capability
- 5KV Dielectric strength between coil and contacts
- Profile Dimension L×W×H: 29×12.7×15.5mm



MPE	-	S	-	1	-	12	-	A	-	N	-	F
产品型号 Model	产品结构 Structure	触点组数 Number of Poles	线圈电压 Coil Voltage	触点形式 Contact Form	线圈功耗 Coil Power	绝缘等级 Insulation Class						
	S: 塑封型 Wash tight	1: 1组 1 Pole	05, 06, 09, 12,18,24, 48VDC	A: 常开 NO	无 Nil: 0.4W N: 0.53W	F: F级 Class 无 Nil: 标准型 Standard, B级						

触点参数 CONTACT PARAMETERS

触点形式 Contact Form	1a
触点材料 Contact Material	银合金 Silver Alloy
接触电阻 (初始) Contact Resistance (Initial)	≤ 100mΩ (1A 6VDC)
触点负载 (阻性) Contact Rating (Res. load)	常开 NO: 16A
最大切换电流 Max. Switching Current	16A
最大切换电压 Max. Switching Voltage	250VAC
最大切换功率 Max. Switching Power	4000VA
电气寿命 Electrical Life	1×10 ⁵ 次 OPS
机械寿命 Mechanical Life	1×10 ⁶ 次 OPS

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 Operate Time	≤ 15ms
释放时间 Release Time	≤ 8ms
环境温度 Ambient Temperature	-40℃ ~ +85℃
振动 Vibration	10Hz~55Hz 1.5mm 双振幅 (DA)
冲击 Shock	功能性的 Functional 98m/s ² (10G)
	破坏性的 Destructive 980m/s ² (100G)
引出端形式 Termination	印制板式 PCB
封装形式 Construction	塑封型 Wash tight
重量 Unit Weight	约 Approx. 13.5g

线圈规格表 COIL DATA(23℃)

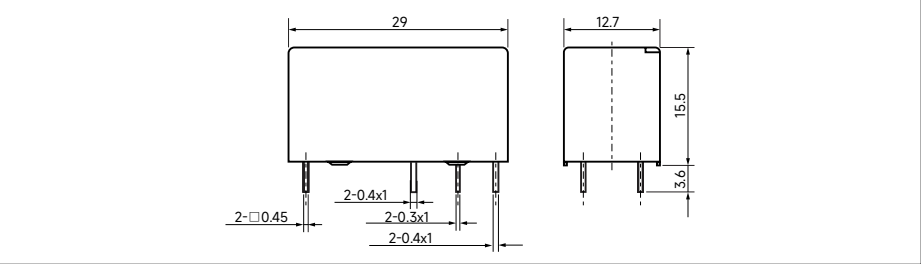
额定电压 Rated Voltage VDC	动作电压 Operate Voltage VDC	释放电压 Release Voltage VDC	最大容许电压 Max. Allowable voltage VDC	线圈电阻 Coil Resistance $\Omega \pm 10\%$	线圈功耗 Coil Power W
5	≤ 3.75	≥ 0.25	7.5	62	约 Approx. 0.4
6	≤ 4.5	≥ 0.3	9	90	
9	≤ 6.75	≥ 0.45	13.5	202	
12	≤ 9.0	≥ 0.6	18	360	
18	≤ 13.5	≥ 0.9	27	810	
24	≤ 18	≥ 1.2	36	1440	
48	≤ 36	≥ 2.4	72	5760	约 Approx. 0.53
5	≤ 3.75	≥ 0.25	7.5	47	
6	≤ 4.5	≥ 0.3	9	68	
9	≤ 6.75	≥ 0.45	13.5	152	
12	≤ 9.0	≥ 0.6	18	270	
18	≤ 13.5	≥ 0.9	27	611	
24	≤ 18	≥ 1.2	36	1086	
48	≤ 36	≥ 2.4	72	4350	

安全认证 SAFETY STANDARD APPROVALS

安全认证 Safety Standard Approvals	UL	TUV	CQC
证书编号 Certificate Number	E358149	R50302777	CQC15002122983
负载 Rating	16A 250VAC 16A 277VAC 1HP 250VAC 1/2HP 120VAC	16A250VAC	16A 250VAC 16A 277VAC

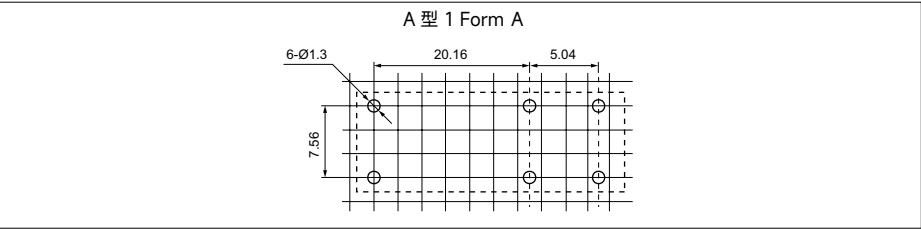
外形尺寸 PROFILE DIMENSION

单位 Unit: mm



安装孔尺寸 (底视图) PCB LAYOUT (BOTTOM VIEW)

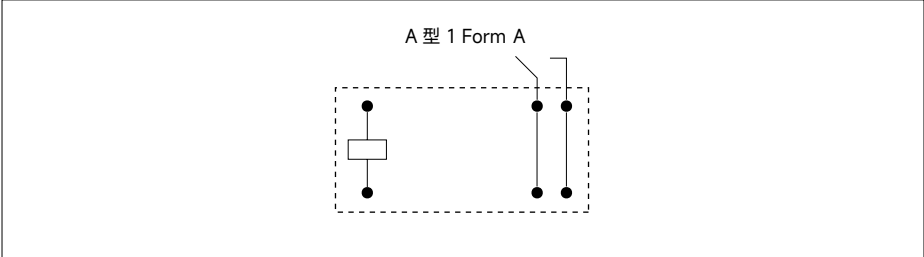
单位 Unit: mm



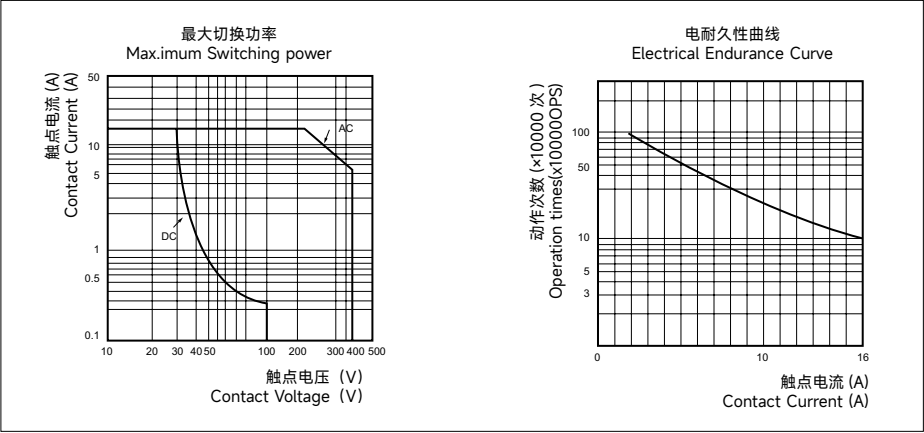
备注 Notes:

- 1) 产品部分外形尺寸未注尺寸公差，当外形尺寸≤1mm，公差为±0.2mm；当外形尺寸在1~5mm之间时，公差为±0.3mm；当外形尺寸>5mm时，公差为±0.4mm。
In case of no tolerance shown in outline dimension: outline dimension ≤1mm, tolerance should be ±0.2mm; outline dimension > 1mm and ≤ 5mm, tolerance should be ±0.3mm; outline dimension > 5mm, tolerance should be ±0.4mm;
- 2) 安装孔尺寸中未注尺寸公差的均为±0.1mm。
The tolerance without indicating for PCB layout is always ±0.1mm.

接线图 (底视图) WIRING DIAGRAM (BOTTOM VIEW)



性能曲线图 PERFORMANCE CURVE



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继电器综合样本

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