
**特性 Characteristic**

- 高负载能力, 16安培触点切换 High switching capability: 16A.
- 体积小, 适用于密集安装 Small size for density PCB mounting.
- 耐压可达5000伏 Dielectric strength: 5000V.

**安规认证 Safety Approval: UL,C-UL,CQC,TUV**
**订货标记 Ordering Information**
**型号命名规则 Model Naming Rules**

DEA5	-DC	12V	D	1	F	-A	S	X	特殊参数: 无: 标准型 Special Parameters: Blank: Standard type 封装方式: S: 密封型 SH: 防水型 Enclosure Type: S: Plastic sealed type, SH: Sealed type washable 触点形式: A: 常开型, C: 转换型 Contact Form: A: Form A, C: Form C 绝缘等级: 无: 普通型, B: 等级 B, F: 等级 F Insulation System: Blank: Standard type, B: Class B, F: Class F 触点组数: 1:1组 Number Of Poles: 1: Single pole 线圈功耗: D: 0.72W, L: 0.54W Coil Power: D: 0.72W, L: 0.54W 线圈电压: 3V, 5V, 6V, 9V, 12V, 18V, 24V, 48V Coil Voltage: 3V, 5V, 6V, 9V, 12V, 18V, 24V, 48V 线圈性质: DC: 直流 Coil Type: DC: Direct current 产品型号: DEA5 Model: DEA5
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**线圈参数 Coil Data (at 20°C)**

额定电压 Rated Voltage (VDC)	额定电流 Rated Current ±10% (mA)	线圈电阻 Coil Resistance ±10% (Ω)	最大连续外加电压 Max. Continuous Voltage Applied	吸合电压 Pick Up Voltage (Max.)	释放电压 Drop Out Voltage (Min.)	额定功率 Power Consumption At Rated Voltage
3	240.00	12.5	额定电压的130% 130% of rated voltage	额定电压的80% 80% of rated voltage	额定电压的5% 5% of rated voltage	约 Approximately 0.72W
5	144.00	34.7				
6	120.00	50				
9	80.00	112.5				
12	60.00	200				
18	40.00	450				
24	30.00	800				
48	15.00	3,200	额定电压的130% 130% of rated voltage	额定电压的80% 80% of rated voltage	额定电压的5% 5% of rated voltage	约 Approximately 0.54W
3	180.00	16.67				
5	108.00	46.3				
6	90.00	66.7				
9	60.00	150				
12	44.94	267				
18	30.00	600				
24	22.50	1,067				
48	11.25	4,267				

## 触点负载 Contact Rating

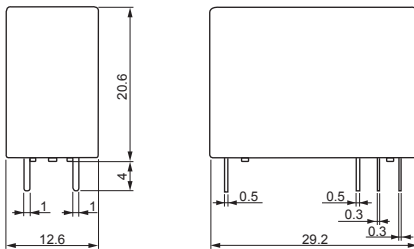
型号 Model	DEA5
阻性负载 Resistive Load	16A 250VAC
最大切换电流 Max. Switching Current	20A
最大切换电压 Max. Switching Voltage	250VAC
最大切换功率 Max. Switching Power	4,000VA

## 规格说明 Specification

触点材料 Contact Material	银合金 Ag Alloy	
接触电阻 Contact Resistance	50mΩ Max.	
吸合时间 Operate Time	15ms. Max.	
释放时间 Release Time	8ms. Max.	
绝缘电阻 Insulation Resistance	1,000MΩ Min.(DC500V)	
介电耐压 Dielectric Strength	触点与触点间 Between open contact: AC1,000V, 50/60Hz 1min.	
	线圈与触点间 Between coil and contact: AC5,000V, 50/60Hz 1min.	
抗振动 Vibration Resistance	耐久 Endurance	10~55Hz, 双振幅 1.5 mm 10~55Hz, 1.5 mm double amplitude
	误动作 Misoperation	10~55Hz, 双振幅 1.5 mm 10~55Hz, 1.5 mm double amplitude
抗冲击 Shock Resistance	耐久 Endurance	10g Min.
	误动作 Misoperation	100g Min.
寿命 Life	机械寿命 Mechanical Life	10,000,000 operations
	电气寿命 Electrical Life	100,000 operations
环境温度 Ambient Temperature	-40°C~+85°C	
重量 Weight	约 Approx. 13.8g	

## 外形尺寸、接线、安装孔位图(mm)

## Outline Dimensions, Wiring Diagram, Mounting Hole Layout (mm)



未标注尺寸公差 Dimension tolerance

&lt;1mm: ±0.2mm

1~5mm: ±0.3mm

&gt;5mm: ±0.4mm

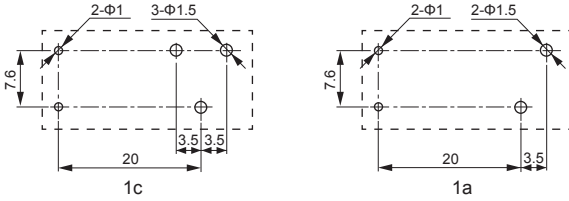
注(Note):

安装孔尺寸公差 ±0.1mm

Dimension tolerance of the mounting hole ±0.1mm



接线图(底视图) Wiring Diagram (Bottom View)



安装孔位图(底视图) Mounting Hole Layout (Bottom View)

## 典型用途 Typical Applications

- 家用电器, 空调, 微波炉, 音响, 显示器, 工业控制, 仪器仪表等  
Household appliances, air conditioner, microwave oven, audio equipment, monitor, industrial control equipment, instrument and apparatus, etc.

## 性能曲线图 Performance Curves

