


特性 Characteristic

- 高触点容量: 15安培 High switching capability 15A.
- 可提供防水型 Sealed type washable available.
- 线圈功耗低 Low coil power consumption.
- TV负载认证 TV rating certified.

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	
DED-21F	安装方式: 无: PCB Mounting Type: Blank: PCB 封装方式: S: 塑封型 SH: 防水型 Enclosure Type: S: Plastic sealed type, SH: Sealed type washable 触点形式: A: 常开型, B: 常闭型, C: 转换型 Contact Form: A: Form A, B: Form B, 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 线圈功耗: H: 0.36W, D: 0.45W Coil Power: H: 0.36W, D: 0.45W 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: DED-21F Model: DED-21F

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	150.00	20	额定电压的130% 130% of rated voltage	额定电压的75% 75% of rated voltage	额定电压的5% 5% of rated voltage	约 Approximately 0.45W
5	90.00	55.6				
6	75.00	80				
9	50.00	180				
12	37.50	320				
18	25.00	720				
24	18.75	1,280				
48	9.38	5,120	额定电压的130% 130% of rated voltage	额定电压的75% 75% of rated voltage	额定电压的5% 5% of rated voltage	约 Approximately 0.36W
3	120.00	25				
5	71.43	70				
6	60.00	100				
9	40.00	225				
12	30.00	400				
18	20.00	900				
24	15.00	1,600				
48	7.5	6,400				

功率继电器 Power Relay

触点负载 Contact Rating

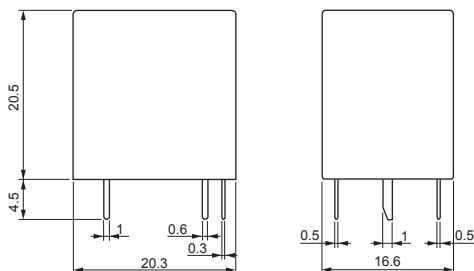
型号 Model	DED-21F
阻性负载 Resistive Load	10A 250VAC
最大切换电流 Max. Switching Current	15A
最大切换电压 Max. Switching Voltage	250VAC
最大切换功率 Max. Switching Power	2,500VA

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	5ms. Max.	
绝缘电阻 Insulation Resistance	100MΩ Min.(DC500V)	
介质耐压 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; AC1,500V, 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. 12.5g	

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

<1mm: ±0.2mm

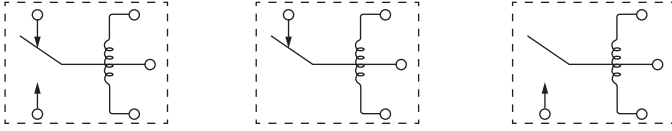
1~5mm: ±0.3mm

>5mm: ±0.4mm

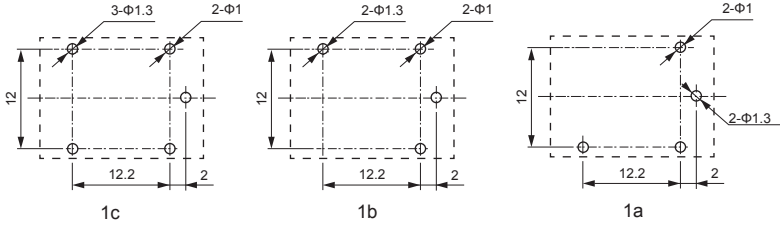
注(Note):

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 Household appliances.
- 办公设备 Office equipment.
- 音响设备 Audio equipment.
- 自动控制仪器仪表 Automatic control instrument and apparatus.
- 电视接收器、遥控器 TV receiver, remote control device.
- 汽车控制装置等 Automotive control device, etc.

性能曲线图 Performance Curves

