
特性 Characteristic

- 超小型继电器 Microminature relay.
- 高灵敏度继电器 High sensitivity relay.
- 3A触点切换能力 Max. switching capacity 3A.

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-4100F	-DC	12V	D	-A	S	X
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; C: 转换型 Contact Form: A: Form A; C: Form C 线圈功耗: 无: 0.36W, D: 0.20W, H: 0.45W Coil Power: Blank: 0.36W, D: 0.20W, H: 0.45W 线圈电压: 3V, 5V, 6V, 9V, 12V, 24V Coil Voltage: 3V, 5V, 6V, 9V, 12V, 24V 线圈性质: DC: 直流 Coil Type: DC: Direct current 产品型号: DED-4100F Model: DED-4100F						

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	120.00	25	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
5	71.43	70				
6	60.00	100				
9	40.00	225				
12	30.00	400				
24	15.00	1,600	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 0.20W
3	66.67	45				
5	40.00	125				
6	33.33	180				
9	22.22	405				
12	16.67	720	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
24	8.33	2,880				
3	150.00	20				
5	90.00	55.6				
6	75.00	80				
9	50.00	180				
12	37.50	320				
24	18.75	1,280				

DED-4100F

触点负载 Contact Rating

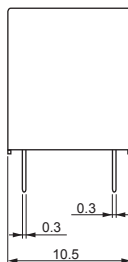
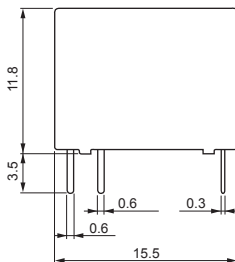
型号 Model	DED-4100F
阻性负载 Resistive Load	3A 120VAC
最大切换电流 Max. Switching Current	3A
最大切换电压 Max. Switching Voltage	125VAC
最大切换功率 Max. Switching Power	360VA

规格说明 Specification

触点材料 Contact Material	银合金 Ag Alloy	
接触电阻 Contact Resistance	100mΩ Max.	
吸合时间 Operate Time	10ms. Max.	
释放时间 Release Time	4ms. 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; AC500V, 50/60Hz 1min.	
	线圈与触点间 Between coil and contact; AC1,000V, 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	-30°C~+70°C	
重量 Weight	约 Approx. 4.0g	

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

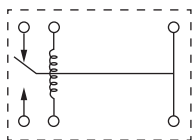
1~5mm: ±0.3mm

>5mm: ±0.4mm

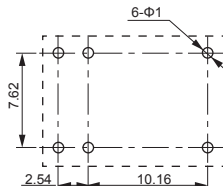
注(Notes):

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

- 通讯设备 Telecommunication equipment.
- 办公设备 Office equipment.
- 家用电器 Household appliances.
- 音响设备等 Audio equipment, etc.

性能曲线图 Performance Curves

