


特性 Characteristic

- 低线圈功耗, 低价格 Low coil power consumption, low price.
- 超小型, 标准印刷板引出脚 Microminiature relay, standard PCB terminal.
- F级绝缘系统 F Class insulation.
- 提供塑封型与防水型 Sealed type and sealed type washable available.

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	
DE3F	-N -A 12VDC D X
特殊参数: 字母或数字: 特殊要求 Special Parameters: Letter or number: Special requirement	
线圈功耗: 无: 0.36W, L: 0.45W, H: 0.60W, D: 0.80W, Y: 0.90W Coil Power: Blank: 0.36W, L: 0.45W, H: 0.60W, D: 0.80W, Y: 0.90W	
线圈电压: 3V, 5V, 6V, 9V, 12V, 15V, 18V, 24V, 48V, 60V Coil Voltage: 3V, 5V, 6V, 9V, 12V, 15V, 18V, 24V, 48V, 60V	
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	
银合金 Ag Alloy	
产品型号: DE3F Model: DE3F	

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				
15	30.00	500				
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
60	7.50	8,000				
3	120.00	25				
5	71.43	70				
6	60.00	100				
9	40.00	225				
12	30.00	400				
15	24.00	625				
18	20.00	900				
24	15.00	1,600				
48	7.5	6,400				
60	6.00	10,000				

触点负载 Contact Rating

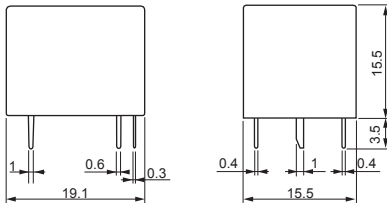
型号 Model	DE3F	
阻性负载 Resistive Load	Form A: 15A 125VAC 10A 250VAC	Form C: NO: 10A 250VAC/28VDC NC: 7A 250VAC/28VDC
最大切换电流 Max. Switching Current	15A	
最大切换电压 Max. Switching Voltage	250VAC	
最大切换功率 Max. Switching Power	2,500VA	

规格说明 Specification

触点材料 Contact Material	银合金 Ag Alloy	
接触电阻 Contact Resistance	100mΩ Max.	
吸合时间 Operate Time	8ms. 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: AC750V, 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. 8.5g	

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

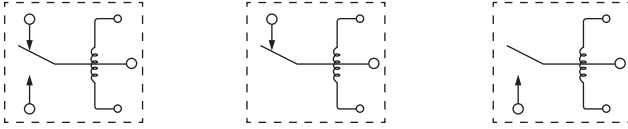
1~5mm: ±0.3mm

>5mm: ±0.4mm

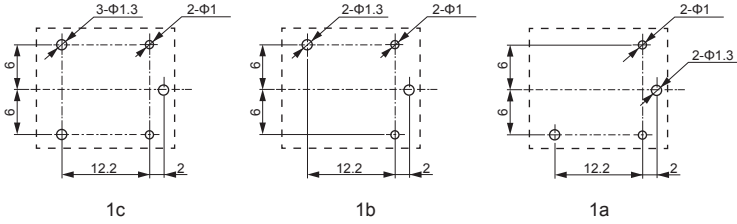
注(Notes):

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

- 家用电器: 空调、电热器等 Household appliances such as air conditioner, heater, etc.
- 自动售货机 Automat.
- 办公设备: 电脑、传真机等 Office equipment such as computer, fax machine, etc.
- 自动电控窗、汽车天线、门锁等 Automatic electric controlled window, automotive antenna, door lock, etc.

性能曲线图 Performance Curves

