


特性 Characteristic

- 超小型汽车继电器 Microminiature automotive relay.
- 大功率汽车继电器 High power automotive relay.
- 最大电流为 30A Max. switching current 30A.
- 可供防水型 Sealed type washable available.
- 可供单继电器和双继电器 Single relay and twin relay available.

订货标记 Ordering Information

型号命名规则 Model Naming Rules							
DEDK	-DC	12V	D	1	-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 线圈组数: 1: 单继电器 2: 双继电器 Number of Coils: 1: Single Relay 2: Twin Relay 线圈功耗: D: 0.55W, H: 0.80W Coil Power: D: 0.55W, H: 0.80W 线圈电压: 6V, 10V, 12V, 24V Coil Voltage: 6V, 10V, 12V, 24V 线圈性质: DC: 直流 Coil Type: DC: Direct current 产品型号: DEDK Model: DEDK							

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
			23°C	85°C			
6	91.67	65.5	13.2	7.8	3.5	0.8	约 Approximately 0.55W
10	55.00	181.8	22	13	5.7	1.25	
12	45.83	261.8	26	16	6.9	1.5	
24	22.97	1,047	53	31	13.8	3.0	约 Approximately 0.80W
12	66.67	180	22	13	6.9	1.5	

触点负载 Contact Rating

型号 Model	DEDK
阻性负载 Resistive Load	NO/NC: 30A/25A 13.5VDC
最大切换电流 Max. Switching Current	30A
最大切换电压 Max. Switching Voltage	30VDC
最大切换功率 Max. Switching Power	480W

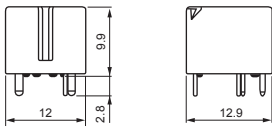
规格说明 Specification

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	4ms. Max.	
释放时间 Release Time	2ms. 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: AC500V, 50/60Hz 1Min.	
抗振动 Vibration Resistance	加速度 Acceleration: 6g 10Hz-500Hz	
抗冲击 Shock Resistance	加速度 Acceleration: 30g 6ms	
寿命 Life	机械寿命 Mechanical Life	5,000,000 operations
	电气寿命 Electrical Life	阻性负载 Resistive load: 300,000 20A 13.5 VDC
		雨刷电机 Wiper motor: 300,000 25A On; 5A OFF L=1.0mH
		电机锁定 Motor locker: 100,000 20A 13.5VDC L=0.77mH
		灯负载(常开): 100,000 浪涌电流: 100A 稳定电流: 10A Lamp load (N.O.): 100,000 Inrush current: 100A Steady current: 10A
	闪光灯负载(常开)Flash lamp load (N.O.): 1,000,000 3x21W	
环境温度 Ambient Temperature	-40°C~+125°C	
重量 Weight	约 Approx. 4.0g(单继电器 Single relay)	约 Approx. 8.0g(双继电器 Twin relay)

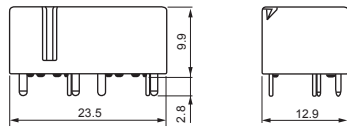
外形尺寸、接线、安装孔位图(mm)

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

单继电器 Single relay



双继电器 Twin relay

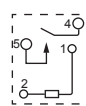
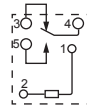
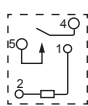
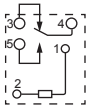


未标注尺寸公差 Dimension tolerance

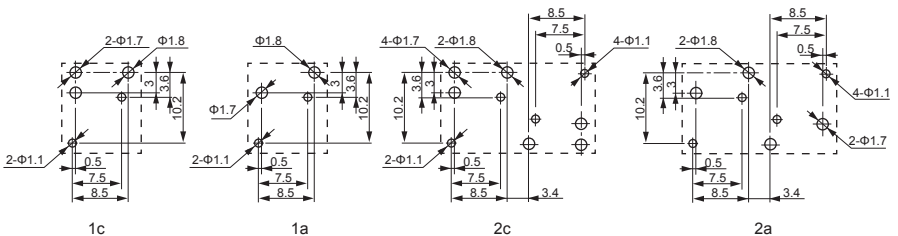
- <1mm: ±0.2mm
- 1~5mm: ±0.3mm
- >5mm: ±0.4mm

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

- 汽车控制盒, 中央门锁, 仪表控制, 发动机控制, 自动门窗, 雨刮控制, 防盗系统, 照明灯, 闪光灯等
Automotive control box, central door lock, instrument control, engine control, automatic door & window, wiper control, anti-theft alarm, lighting and flash lamp control, etc.

性能曲线图 Performance Curves

