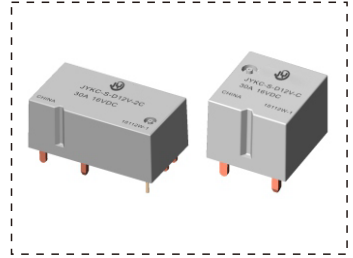




Automotive Relay Series 汽车继电器系列 -- JYKC

FEATURES 特点

- Up to 30A contact switching capability
高达30A触点切换能力
- The weight is only 4g for single relay
重量仅4g(单继电器)
- Overall dimensions: single relay(12.9X12.0X9.9) mm.
double relay(23.5X12.9X9.9)
外形尺寸:单继电器(12.9X12.0X9.9) mm
双继电器(23.5X12.9X9.9) mm



CONTACT PARAMETERS 触点参数

Contact Form 触点形式	A-1组常开, C-1组转换, 2A-2组常开, 2C-2组转换
Rating Load (Resistive) 额定负载(阻性)	30A 14VDC
Max. Switching Current 最大切换电流	30A
Max. Switching Voltage 最大切换电压	16VDC
Max. Switching Power 最大切换功率	480W

CHARACTERISTICS 性能参数

Contact Materials 触点材料	Ag Alloy 银合金	
Contact Resistance 接触电阻	100mΩ Max	
Operate Time 吸合时间	10ms. Max	
Release Time 释放时间	10ms. Max	
Insulation Resistance 绝缘电阻	100MΩ Min. (DC500V)	
Initial Dielectric Strength 介质耐压	between open contacts: 触点与触点间:	AC 550 V, 50/60Hz 1Min
	between contacts and coil: 触点与线圈间:	AC 550 V, 50/60Hz 1Min
Vibration Resistance 抗振动	Damage limits: 耐久:	10~55Hz Double Amplitude 双振幅 1.5mm
	Malfunction: 误动作:	10~55Hz Double Amplitude 双振幅 1.5mm
Shock Resistance 抗冲击	Damage limits: 耐久:	15G Min
	Malfunction: 误动作:	100G Min
Life 寿命	Mechanical Life (10800 per hour) 机械寿命(每小时10800次)	1×10^7
	Electrical Life (600 per hour) 电气寿命(每小时600次)	1×10^5
Ambient Temperature 环境温度	-40°C ~ +105°C (No condensation) (不冷凝)	
Unit Weight 单位重量	约Approx 4.0g (Singlet relay 单继电器) 约Approx 8.0g (Double relay 双继电器)	



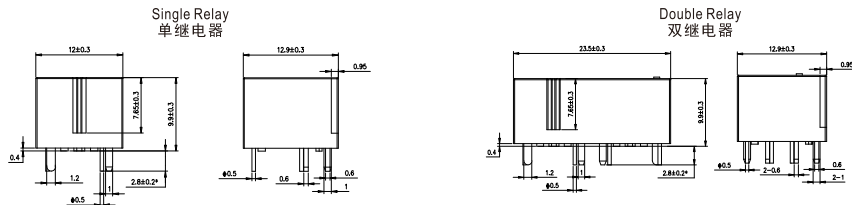
COIL RATINGS (at23°C) 线圈参数 (在23°C)

Coil Nominal Voltage 额定电压 (VDC)	Nominal Current 额定电流 ±10%(mA)	Coil Resistance 线圈电阻 ±10% (Ω)	Max. Continuous Voltage 最大连续外加电压	Pick-Up Voltage 吸合电压 (Max)	Drop-Out Voltage 释放电压 (Min)	Rated power 额定功率
6	90.00	65.00	Coil Nominal Voltage 130% 额定电压的 130%	Coil Nominal Voltage 58% 额定电压的 58%	Coil Nominal Voltage 13% 额定电压的 13%	0.55W
10	50.00	182.00				
12	50.00	262.00				
12	70.00	180.00				0.8W

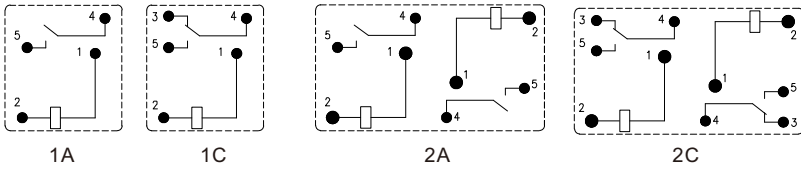
ORDERING INFORMATION 订货标记

JYKC-S-DC12V-A-D-(XXX) <u>1</u> <u>2</u> <u>3</u> <u>4.5</u> <u>6</u>	
1. Model Number基本型号 JYKC 2. Encapsulation form:S-Plastic Sealed SH:Fluk proofed 封装形式: S-塑封型 SH-防焊剂型 3. Coil Voltage线圈规格 (VDC): DC6V,DC9V,DC12V 4. Contact form: single-1 Form A, single-1 Form C double 2 Form A double 2 Form C	触点形式: 单继电器1组常开, 单继电器1组转换 双继电器2组常开, 双继电器2组转换 5. Coil Power:No - 0.55 W, D - 0.8W 线圈功率:无 - 0.55W, D - 0.8W 6. Customer Special Code :XXX - Customer Special Requirements No - Standard Type 客户特性号: XXX - 客户特殊要求, 无-标准型

OUTLINE DIMENSIONS (UNIT:mm)外形尺寸 (单位: mm)

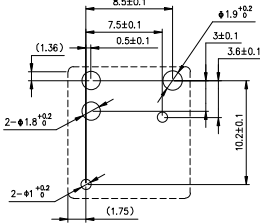


Undimensioned tolerance: <1mm: ±0.2mm 1~5mm: ±0.3mm >5mm: ±0.4mm
 未标注尺寸公差: <1mm: ±0.2mm 1~5mm: ±0.3mm >5mm: ±0.4mm
 Note: 1.The size of the lead foot is pre welding dimension. 注: 1、引出脚尺寸为预焊前尺寸
 2.installation hole size tolerance: + 0.1mm 2、安装孔尺寸公差: ± 0.1mm

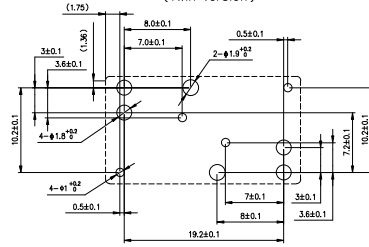


Wiring diagram (bottom view)
接线图 (底视图)

单继电器
(Single version)



双继电器
(Twin version)



Mounting hole size (bottom view)
安装孔尺寸 (底视图)

TYPICAL USE 典型用途

- Cooling fan control, Oil Mercury control, Heating control, Automotive air conditioning, Rear window fog remover, Battery circuit breaker.
- Head/fog control, Power distribution, Traction control, ABS.
- 冷却风扇控制, 油汞控制, 加热控制, 汽车空调, 后窗除雾器, 电池断路装置。
- 大灯/雾灯控制, 电力分配, 牵引控制系统, 防抱死制动。

PERFORMANCE CHART 性能曲线图

