



Signal Relay Series 信号继电器系列--JY4078F

FEATURES特点

- 3A Amps super miniature relay
3A超小型继电器
- Small volume and light weight, apply to dense installation
体积小及重量轻，适用于密集安装
- 2 Form C configurayions
具有两组转换触点形式
- Overall dimensions (20.0X10.0X11.6) mm
外形尺寸（20.0X10.0X11.6）mm



CONTACT PARAMETERS触点参数

Contact Form触点形式	2C-2组转换
Rating Load (Resistive)额定负载（阻性）	3A 125VAC/30VDC
Max. Switching Current最大切换电流	3A
Max.Switching Voltage最大切换电压	125VAC
Max.Switching Power最大切换功率	375VA/90W

CHARACTERISTICS性能参数

Contact Materials触点材料	Ag Alloy银合金		
Contact Resistance接触电阻	50 mΩ Max		
Operate Time吸合时间	6ms .Max		
Release Time释放时间	4ms .Max		
Insulation Resistance绝缘电阻	1000MΩ Min.(DC500V)		
Initial Dielectric Strength介质耐压	between open contacts: 触点与触点间:	AC500V,50/60Hz 1Min	
	between contacts and coil: 触点与线圈间:	AC1000V,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:	100G Min	
	Malfunction: 误动作:	10G Min	
Life寿命	Mechanical Life (10800 per hour) 机械寿命（每小时10800次）	1×10 ⁷	
	Electrical Life (1800 per hour) 电气寿命（每小时1800次）	1×10 ⁵	
Ambient Temperature环境温度	-40℃～+85℃（No condensation）（不冷凝）		
Unit Weight单位重量	约Approx.5.0g		

COIL RATINGS (at23℃) 线圈参数（在23℃）

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
3	50	60	Coil Nominal Voltage 130% 额定电压的 130%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 10% 额定电压的 10%	About 0.15W 约0.15W
5	30	167				
6	25	240				
9	16.6	540				
12	12.5	960				
24	6.25	3,840				About 0.20W 约0.20W
3	66.67	45				
5	40.00	125				
6	33.33	180				
9	22.22	405				
12	16.67	720				About 0.36 W 约0.36W
24	8.33	2,880				
3	120.00	25				
5	72.00	69				
6	60.00	100				
9	40.00	225				About 0.45 W 约0.45W
12	30.00	400				
24	15.00	1,600				
3	150.00	20				
5	90.00	55.6				
6	75.00	80				
9	50.00	180				
12	37.50	320				
24	18.80	1,280				

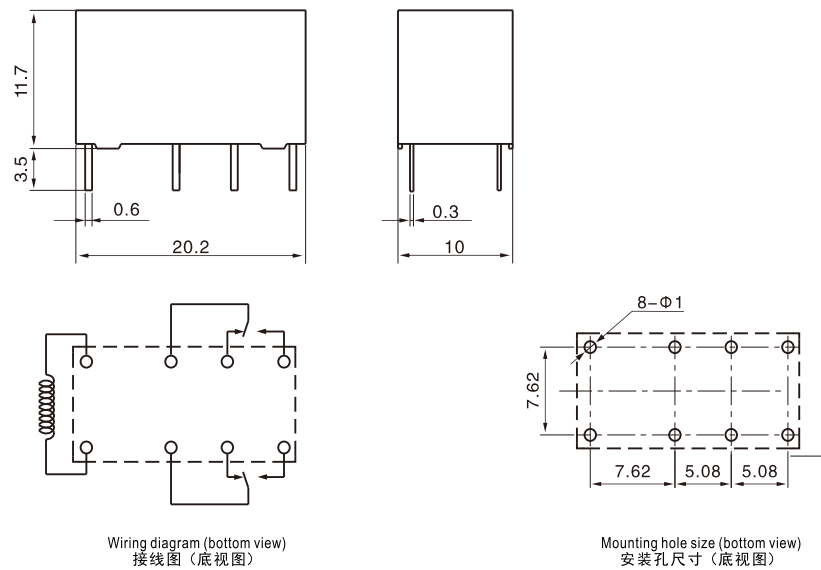
SAFETY STANDARD安规认证

AuthType Basic认证类别	CQC	UL/C__UL
Authentication Load 认证负载	3A 125VAC	3A 125VAC 3A 30VDC

ORDERING INFORMATION订货标记

JY4078F-S-DC12V-2C-L-(XXX)					
1	2	3	4	5	6
1.Model Number基本型号: JY4078F			4.Contact Form: 2C-2Form C 触电形式: 2C-2组转换		
2.Encapsulation form:S-Plastic Sealed SH:Fluk proofed 封装形式: S-塑封型 SH-防焊剂型			5. Coil power:No -0.20W, L-0.15W, M-0.36W,H-0.45W 线圈功率: 无-0.20W,L-0.15W, M-0.36W,H-0.45W		
3.Coil Voltage线圈规格 (VDC): DC3V,DC5V,DC6V,DC9V,DC12V,DC24V			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

TYPICAL USE典型用途

- Communication equipment, Office equipment, Computer peripherals, Security alarm system, Medical equipment, Etc..
- 通讯设备, 办公设备, 电脑周边设备, 安全报警系统, 医疗设备等。



PERFORMANCE CHART性能曲线图

