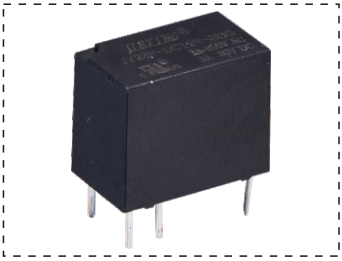
Signal Relay Series 信号继电器系列--JY23F

FEATURES特点

- 3A Amps super miniature relay
  3A超小型继电器
- 1kV dielectric strength (between coil and contacts)
  线圈与触点间介质耐压1kV
- 1 Form C configurations
  具有一组转换触点形式
- Overall dimensions (12.3X7.4X10.1)mm
  外形尺寸（12.3X7.4X10.1）mm



CONTACT PARAMETERS触点参数

Contact Form触点形式	C-1Form C
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	250VAC
Max.Switching Power最大切换功率	750VA/90W

CHARACTERISTICS性能参数

Contact Materials触点材料	Ag Alloy银合金	
Contact Resistance接触电阻	50mΩ Max	
Operate Time吸合时间	5ms.Max	
Release Time释放时间	5ms.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：	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℃～+70℃（No condensation）（不冷凝）	
Unit Weight单位重量	约Approx.2.2g	

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	50.00	60	Coil Nominal Voltage 150% 额定电压的 150%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 10% 额定电压的 10%	0.15 W
5	30.12	166				
6	25.00	240				
9	16.67	540				
12	12.50	960				
24	6.25	3,840				
3	66.67	45	Coil Nominal Voltage 150% 额定电压的 150%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 5% 额定电压的 5%	0.20 W
5	40.00	125				
6	33.33	180				
9	22.22	405				
12	16.67	720				
24	8.33	2,880				

ORDERING INFORMATION订货标记

JY23F-S-DC12V-C-L-(XXX)
1 2 3 4 5 6

1.Model Number基本型号JY23F

2.Encapsulation form:
S-Plastic Sealed SH:Fluk proofed
封装形式：S-塑封型 SH-防助焊剂型

3.Coil Voltage线圈规格（VDC）：
DC3V,DC5V,DC6V,DC9V,DC12V,DC24V

4.Contact Form: C-1Form C
触点形式：C-1组转换

5.Coil Power: L-sensitive type (0.15W),
No-standard type (0.2W)
线圈功率：无-标准型(0.2W)，L-灵敏型(0.15W)

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

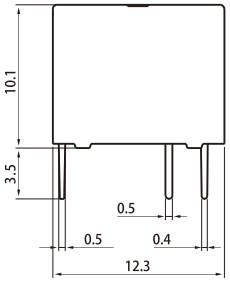
TYPICAL USE典型用途

- Automatic control, Communication equipment, Modem, Computer peripherals, Etc.
- 自动控制，通讯设备，调制解调器、电脑周边设备等。

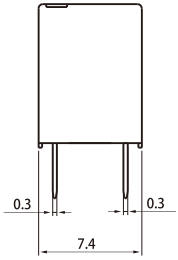
SAFETY STANDARD安规认证

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

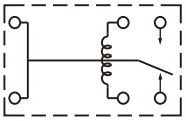
OUTLINE DIMENSIONS（UNIT:mm)外形尺寸（单位：mm）



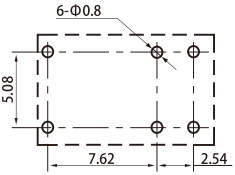
Dimensions尺寸



Dimensions尺寸



Wiring diagram (bottom view)
接线图（底视图）



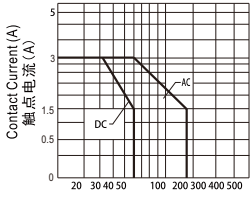
Mounting hole size (bottom view)
安装孔尺寸（底视图）

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

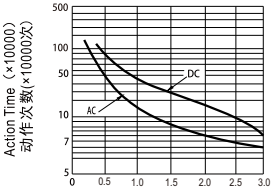
PERFORMANCE CHART性能曲线图

Max.Switching Power
最大切换功率（W）



Contact Voltage (V)
触点电压(V)

Life Curve
寿命曲线



Contact Current (A)
触点电流(A)

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

JIEYING:

JY32FN-SH-DC12V-A/20A JY3FF-S-DC12V-C(K) JY3FF-S-DC24V-A(K) JY4100F-S-DC24V-C
JYT90F-S-DC12V-C JY32FNH-S-DC5V-A/20A JY32FNH-SH-DC12V-A/20A JYT90F-SH-DC12V-C
JY23F-S-DC12V-C JY32FN-S-DC12V-A/10A JY3FF-S-DC12V-A JY3FF-S-DC5V-A JYT78F-S-DC12V-C
JY32FN-S-DC5V-A/10A JY32FN-SH-DC24V-A/20A JY32FNH-SH-DC5V-A/10A JY4101F-S-DC5V-C
JYT78F-S-DC12V-A JYT78F-S-DC5V-C(K)