

# J R C - 2 3 F



on Pending

### **Features**

• Low coil power consumption.

■ High sensitivity.

■ Small size, light weight.

 PC board mounting.
Suitable for automation facilities, telecommunication equipment, wireless radio remote control, sound control toys application etc.

#### **Contact Data**

Contact Arrangement

Contact Material Ag (Au clad)

Contact Rating (resistive) 0.5A/125VAC, 1A/24VDC

30W 62.5VA Max. Switching Power 60VDC 125VAC Max. Switching Voltage

Max. Switching Current: 1A Contact Resistance or Voltage drop ≤100mΩ item 3.12 of IEC255-7 10<sup>5</sup> item 3.30 of IEC255-7 Operation Electrical life  $5 \times 10^6$ item 3.31 of IEC255-7 Mechanical

1C

### **Coil Parameter**

Coil voltage VDC		Coil resistance Ω±10%		Pickup voltage VDC(max) (80%of rated	release voltage VDC(min) (10% of rated	Coil power consumption	Operate Time ms	Release Time ms
Rated	Max.			voltage)	voltage)			
1.5	1.7	15.0	11.3	1.2	0.15			
3	3.3	60.0	45.0	2.4	0.30			
5	5.5	166.7	125.0	4.0	0.50			
6	6.6	240.0	180.0	4.8	0.60	0.15/0.2	≪5	≪5
9	9.9	540.0	405.0	7.2	0.90			
12	13.2	960.0	720.0	9.6	1.20			
24	26.5	3840.0	2880.0	19.2	2.40			

CAUTION: 1. The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay. 2. Pickup and release voltage are for test purposes only and are not to be used as design criteria.

## **Operation condition**

Insulation Resistance  $1000M\Omega$  min (at 500VDC) Item 7 of IEC255-5

Dielectric Strength Between contacts Item 6 of IEC255-5 50Hz 400V

Between contact and coil Item 6 of IEC255-5 50Hz 1000V

Shock resistance 100m/s<sup>2</sup> 11ms IEC68-2-27 Test Ea method 1

IEC68-2-6 Test Fc IEC68-2-21 Test Ua1 Vibration resistance 10~55Hz double amplitude 3.3mm Terminals strength 5N

Solderability 230°C ±2°C  $10 \pm 0.5s$ IEC68-2-20 Test Ta method 1

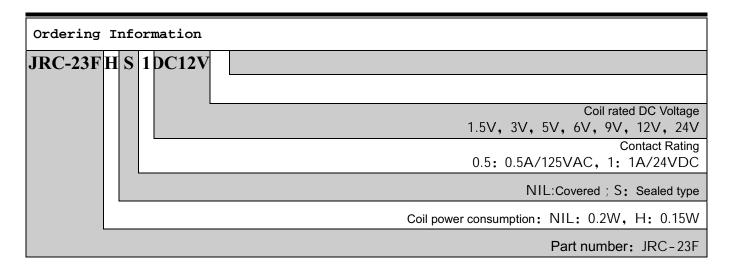
**Ambient Temperature** -30~70℃

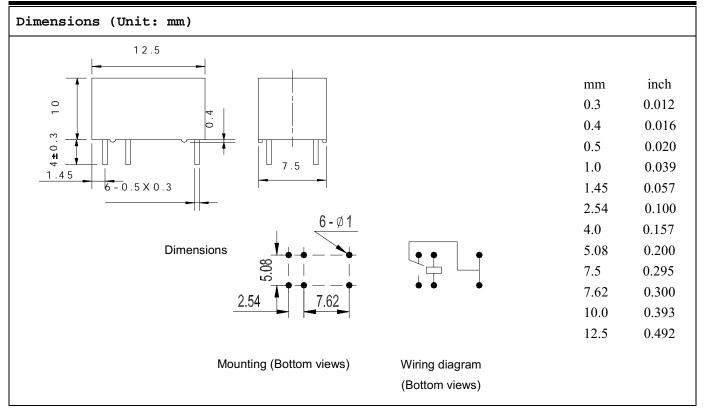
35%~85% (at 40℃) IEC68-2-3Test Ca Relative Humidity

Mass 2.2g .

## **Qualification inspection:**

Perform the qualification test as specified in the table IV of IEC255-19-1 and minimum sample size 24.





NOTES 1). Dimensions are in millimeter.

2).Inch equivalents are given for general information only.