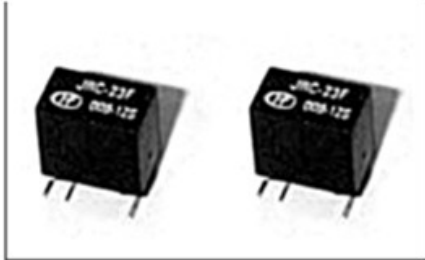


HONGFA RELAY



LOW SIGNAL RELAYS
1 POLE PC BOARD TYPE

JRC-23F



- High sensitivity :150 W
- 1 pole configurations
- S all size at 12.5L×7.5W×10H
- Sealed type available
- UL / CUR File No. E133481

■ CONTACT DATA

Arrangement	1C	
Initial Contact Resistance Max. (at 1A 6VDC)	100 mΩ	
Contact Material	Silver Alloy (Au clad)	
Contact Rating (Res. Load)	0.5A 125VAC / 1 A 30VDC I	
Max. switch ing voltage	125VAC / 60 VDC	
Max. switch ing current	2 A	
Max. switch ing power	62.5 VA / 30W	
UL/CUR rating	0.5 A 125 VAC 1 A 30 VAC 0.3 A 60 VDC	
Expected Life min. operations	Mec anical	1×10 ⁷ ops (36,000 ops/ our)
	Electrical	1×10 ⁵ ops (1,800 ops/ our)

■ COIL

Nominal coil power	Sensitive: 0.15 W	Standard : 0.2 W
--------------------	-------------------	------------------

■ SPECIFICATION

Initial Insulation Resistance	1,000 MΩ 500 VAC
Dielectric Strengt Between coil and Contacts	1,000 VAC
Between open contacts	400 VAC
Operate time (at nomi. Vot.)	5 ms
Release time (at nomi. Vot.)	5 ms
Bounce time (at nomi. Vot.)	5 ms
Temperature rise (at nominal voltage)	Max. 55 °C
S ock Resistance	100 m/s ²
Vibration Resistance	10 to 55 Hz 3.3mm
Humidity	35% to 85%
Ambient temperature	-30 °C to 70 °C
Termination	PCB
Unit weig t	2.2 g
Construction	Sealed

■ TABLE

Sensitive Type					Standard Type				
Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Coil Current mA	Coil Resistance (at 20 °C) Ω	Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Coil Current mA	Coil Resistance (at 20 °C) Ω
1.5	1.20	0.15	100	15 ± 10 %	1.5	1.20	0.15	100	11.3 ± 10 %
3	2.40	0.30	50.0	6.0 ± 10 %	3	2.40	0.30	50.0	4.5 ± 10 %
5	4.00	0.50	29.9	16.7 ± 10 %	5	4.00	0.50	29.9	12.5 ± 10 %
6	4.80	0.60	25.0	24.0 ± 10 %	6	4.80	0.60	25.0	18.0 ± 10 %
9	7.20	0.90	16.7	54.0 ± 10 %	9	7.20	0.90	16.7	40.5 ± 10 %
12	9.60	1.20	12.5	96.0 ± 10 %	12	9.60	1.20	12.5	72.0 ± 10 %
24	19.20	2.40	6.25	3,840 ± 15 %	24	19.20	2.40	6.25	288.0 ± 15 %

■ ORDERING INFORMATION

JRC-23F / 012 --- 1Z 3 S

Coil voltage	Contact Form	Termination	Version
1.5, 3, 5, 6, 9, 12, 24, VDC	1Z 1 Form C	Nil PCB Terminal 3 Bent Terminal	S Sensitive type 0.15 W P Standard type 0.20 W

■ OUTLINE DIMENSIONS ,WIRING DIAGRAM AND PC BOARD LAYOUT

Outline Dimension

PCB Terminal

Bent Terminal

Wiring Diagram (bottom view)

Mounting holes (bottom view)

■ USEFUL CURVES

