

JZC-38F

SUBMINIATURE INTERMEDIATE POWER RELAY



File No.:E133481



File No.:R2133535



File No.:CH0039695-99



Features

- 1 From A or 1 From C
- Standard and Sensitive Coils
- Sealed and Unsealed Type Available

CONTACT DATA

Contact Arrangement	1A	1C
Initial Contact Resistance Max.	100mΩ (at 1A 6VDC)	
Contact Material	AgCdO, AgSnO	
Contact Rating (Res. Load)	5A 250VAC 5A 30VDC	Standard
		High Capacity
		NC: 3A 250VAC/30VDC NO: 5A 250VAC/30VDC
		NC: 5A 250VAC/30VDC NO: 5A 250VAC/30VDC
Max. switching voltage	250VAC/30VDC	
Max. switching current	5A	
Max. switching power	1250VA	NO:1250VA NC:750VA
		1250VA
UL/CUR rating	N.O.:5A 250VAC/30VDC	
	N.C.:3A 250VAC/30VDC	
TÜV rating	N.O.:5A 250VAC/30VDC	
	N.C.:3A 250VAC/30VDC	
Mechanical life	1x 10 ⁷ OPS	
Electrical life	1 x 10 ⁵ OPS	

CHARACTERISTICS

Initial Insulation Resistance	1000MΩ 500VDC
Dielectric Strength	Between coil and Contacts 2000VAC 1min.
	Between open contacts 1000VAC 1min.
Operate time (at nomi. Volt.)	10ms
Release time (at nomi. Volt.)	5ms
Temperature rise (at nomi. Volt.)	Max. 55°C
Humidity	45 to 85%RH
Ambient temperature	-40°C to +85°C
Shock Resistance	Functional 100 m/s ²
	Destructive 500 m/s ²
Vibration Resistance	3.3mm 10 to 55Hz
Termination	PCB
Unit weight	Approx. 8g
Construction	Sealed & Unsealed

COIL

Coil power	Standard:0.36W, Sensitive:0.25W
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COIL DATA

Standard Type

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC(at 20°C)	Coil Resistance Ω
3	2.1	0.15	3.9	25 ± 10%
5	3.5	0.25	6.5	69 ± 10%
6	4.2	0.30	7.8	100 ± 10%
9	6.3	0.45	11.7	225 ± 10%
12	8.4	0.60	15.6	400 ± 10%
18	12.6	0.90	23.4	900 ± 10%
24	16.8	1.20	31.2	1600 ± 10%
48	33.6	2.40	62.4	6400 ± 10%

Sensitive Type

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC(at 20°C)	Coil Resistance Ω
3	2.2	0.15	3.9	36 ± 10%
5	3.6	0.25	6.5	100 ± 10%
6	4.3	0.30	7.8	145 ± 10%
9	6.5	0.45	11.7	325 ± 10%
12	8.6	0.60	15.6	575 ± 10%
18	13.0	0.90	23.4	1300 ± 10%
24	17.3	1.20	31.2	2310 ± 10%
48	34.6	2.40	62.4	9220 ± 10%



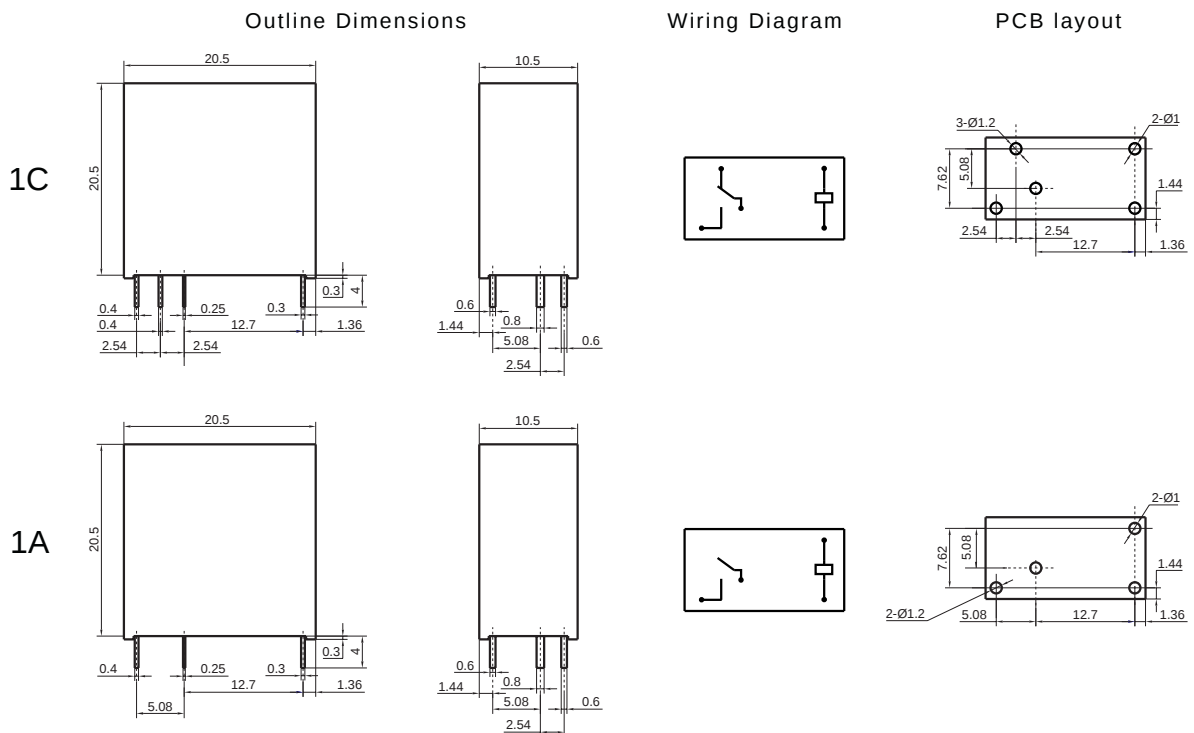
HONGFA RELAY

ISO9001/QS9000/ISO14000 CERTIFIED

ORDERING INFORMATION

Type	JZC-38F / 012	H	S	L	T
Coil voltage	3, 5, 6, 9, 12, 18, 24, 48VDC				
Contact arrangement	H: 1 Form A Z: 1 Form C				
Structure	Nil: Unsealed S: Sealed				
Coil Power	L: Sensitive NIL: Standard				
Contact rating type	Q: High Capacity NIL: Standard				

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT



CHARACTERISTICS CURVE

