

# 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
		N.O.:5A 250VAC/30VDC N.C.:3A 250VAC/30VDC	
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	1 x 10 <sup>7</sup> OPS		
Electrical life	1 x 10 <sup>5</sup> OPS		

### 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%

### 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 <sup>2</sup>
	Destructive	500 m/s <sup>2</sup>
Vibration Resistance	3.3mm 10 to 55Hz	
Termination	PCB	
Unit weight	Approx. 8g	
Construction	Sealed & Unsealed	

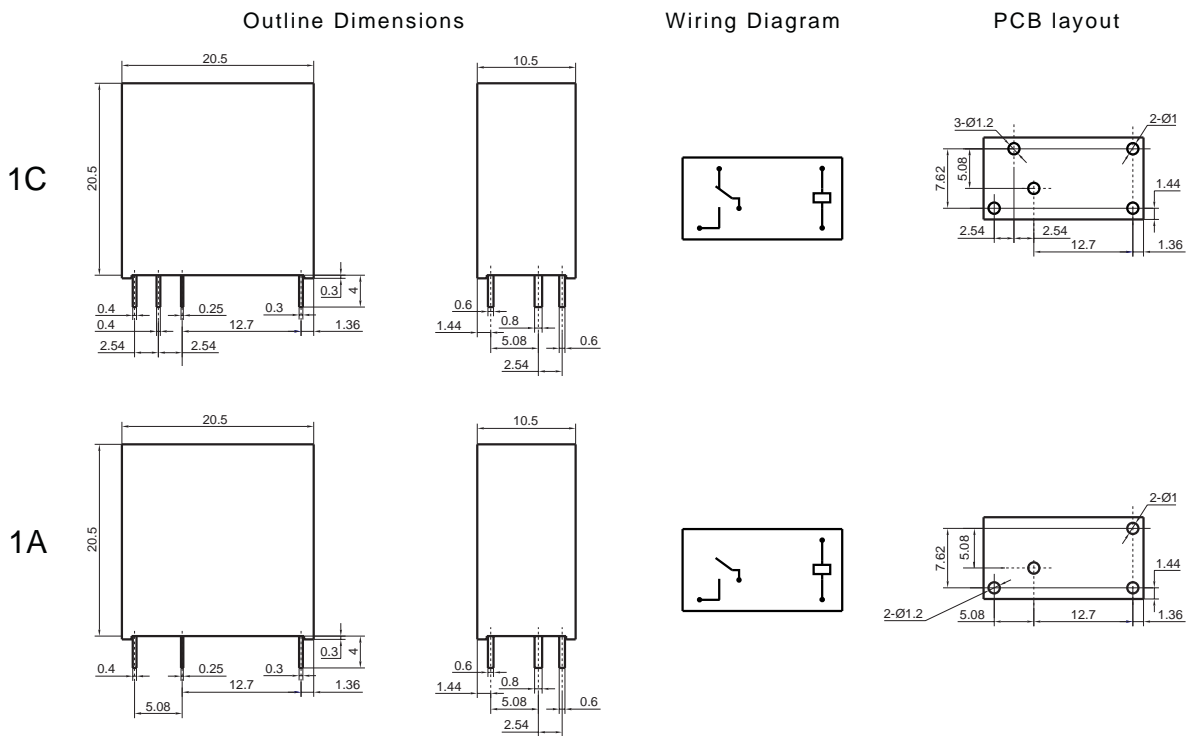


HONGFA RELAY  
ISO9001/QS9000/ISO14000 CERTIFIED

## 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

