

# JZC-36F SUBMINIATURE INTERMEDIATE POWER RELAY



**cULus**  
File No.:E133481

**CHINA**  
File No.:CH0039695-99

### Features

- 10A switching capabilities
- SPST-NO and SPDT configurations
- Sealed and Unsealed type available

## CONTACT DATA

Contact Arrangement	1A, 1C
Initial Contact Resistance Max.	100mΩ(at 1A 6VDC)
Contact Material	Silver alloy
Contact Rating (Res. Load)	10A 250VAC 10A 30VDC TV-5 125VAC
Max. switching voltage	250VAC/30VDC
Max. switching current	10A
Max. switching power	2500VA/300W
UL/CUR rating	10A 250VAC 10A 30VDC TV-5 125VAC
Mechanical life	1 x 10 <sup>7</sup> ops
Electrical life	1 x 10 <sup>6</sup> ops

## COIL

Coil power	Sensitive:0.25W Standard:0.53W
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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
5	3.75	0.25	6.5	47 ± 10%
6	4.50	0.30	7.8	68 ± 10%
9	6.75	0.45	11.7	155 ± 10%
12	9.00	0.60	15.6	270 ± 10%
18	13.5	0.90	23.4	620 ± 10%
24	18.0	1.20	31.2	1080 ± 10%
48	36.0	2.40	62.4	4400 ± 10%

## CHARACTERISTICS

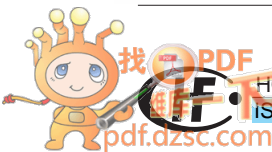
Initial Insulation Resistance	1000MΩ (500VDC)
Dielectric Strength	Between coil and Contacts NO: 4000VAC 1min
	Between open contacts NC: 3000VAC 1min
Operate time (at nomi. Volt.)	15ms
Release time (at nomi. Volt.)	5ms
Temperature rise	Max. 55°C(at nomi. volt.)
Humidity	35 to 85%RH
Ambient temperature	-40°C to 70°C
Shock Resistance	Functional 200 m/s <sup>2</sup>
	Destructive 1000 m/s <sup>2</sup>
Vibration Resistance	10 to 55 Hz(Amplitvde of 1.5mm)
Termination	PCB
Unit weight	Approx.12g
Construction	Sealed & Unsealed

## Sensitive Type

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC(at 20°C)	Coil Resistance Ω
5	3.75	0.25	6.5	100 ± 10%
6	4.50	0.30	7.8	145 ± 10%
9	6.75	0.45	11.7	325 ± 10%
12	9.00	0.60	15.6	575 ± 10%
18	13.5	0.90	23.4	1300 ± 10%
24	18.0	1.20	31.2	2310 ± 10%
48	36.0	2.40	62.4	

General Purpose Power Relays

JZC-36F

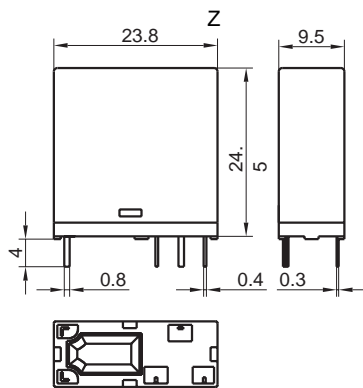
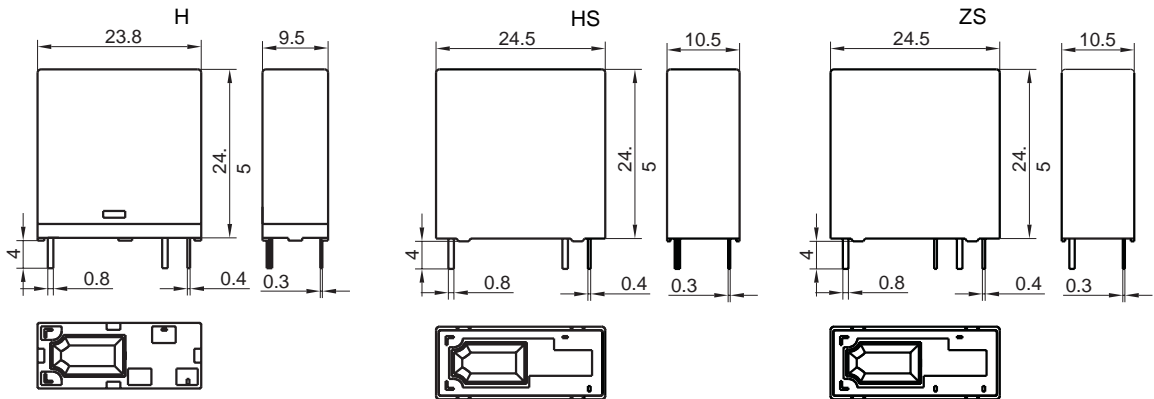


## ORDERING INFORMATION

Type	JZC-36F / 012	H	S	L	T
Coil voltage	5, 6, 9, 12, 18, 24, 48VDC				
Contact arrangement	H:1A(SPST-NO) Z:1C(SPST-NC)				
Structure	Nil: Unsealed S: Sealed				
Coil Power	NIL: Standard L: Sensitive				
Contact Material	Nil:AgCdO T:AgSnO				

## OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

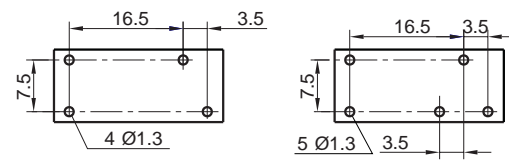
### Outline Dimensions



### Wiring Diagram



### PCB layout



## CHARACTERISTICS CURVE

