

SPECIFICATION

ITEM	MINIATURE RELAY (Lead Free Application)	MODEL NO.	JZC-38F
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● COIL VOLTAGE : DC 3 ~ 48V

● APPROVAL

UL (E195815) / CQC (02001001944)

● CONTACT

Arrangement		1 Form A	1 Form C	
Rating Nominal Contact (Resistive load)		5A 250VAC 5A 30VDC	Standard	High Capacity
			NC:3A 250VAC/30VDC	NC:5A 250VAC/30VDC
			NO:5A 250VAC/30VDC	NO:5A 250VAC/30VDC
Initial Contact Resistance		100mΩ (at 1A 6VDC)		
Max. switching current		5A		
Max. switching power		1250VA	NO:1250VA NC: 750VA	1250VA
Max. switching voltage		250VAC / 30VDC		
UL/CUR rating		N.O. : 5A 250VAC / 30VDC N.C. : 3A 250VAC / 30VDC		
Expected life min Operations	mechanical	1_10 ⁷ ops.		
	electrical	1_10 ⁵ ops.		
Contact material		AgSnO2		

● CHARACTERISTICS

Operate time		10 msec
Release time		5 msec
Insulation resistance		1000 MO (at DC500V)
Dielectric strength Between open contacts Between contacts and coil		1000VAC 1Minute 2000VAC 1Minute
Ambient temperature		-40℃ ~ +85℃
Teperature rise		Max. 55℃
Shock resistance	Functional	100m/s ²
	Destructive	500m/s ²
Vibration resistance		Double amplitude 3.3mm 10~55Hz
Weight		Abt 8g

● COIL DATA

► Standard Type

Nominal voltage VDC	Pick-up voltage VDC	Drop-out voltage VDC	Nominal current mA(_10%)	Coil resistance O(_10%)	Nominal Coil Power mW	Max.allowable voltage (VDC)
3	2.1	0.15	120	25	360	130%
5	3.5	0.25	72.5	69		
6	4.2	0.3	60	100		
9	6.3	0.45	40	225		
12	8.4	0.6	30	400		
18	12.6	0.9	20	900		
24	16.8	1.2	15	1600		
48	33.6	2.4	7.5	6400		

► Sensitive Type

Nominal voltage VDC	Pick-up voltage VDC	Drop-out voltage VDC	Nominal current mA(_10%)	Coil resistance O(_10%)	Nominal Coil Power mW	Max.allowable voltage (VDC)
3	2.2	0.15	83.3	36	250	130%
5	3.6	0.25	50	100		
6	4.3	0.3	41.7	145		
9	6.5	0.45	27.8	325		
12	8.6	0.6	20.8	575		
18	13.0	0.9	13.9	1300		
24	17.3	1.2	10.4	2310		
48	34.6	2.4	5.2	9220		

● ORDERING INFORMATION

JZC-38F — 012 — H — S — L — T

Coil Voltage	Contact arrangement	Structure	Coil Power	Contact rating type
3,5,6,9,12, 18,24,48VDC	H : 1 Form A Z : 1 Form C	Nil : Unsealed S : Sealed	L : Sensitive Nil : Standard	T : High Capacity Nil : Standard