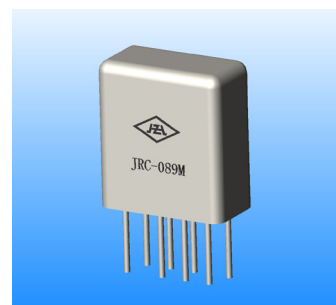


Product introduction

This product is particularly small in size and high in sensitivity, it has excellent electrical properties and environmental indicators, so it is very suitable for high-density installation of PCB boards. The product can be used for signal and line switching in the aviation, aerospace and other industries.



Adopted military standard: MIL-R-5757

General Characteristics

No.	Item	Performance
1	Cpmtact type	2Z
2	Weigh	$\leq 3\text{g}$
3	Leakage rate	$\leq 1 \times 10^{-1} \text{Pa} \cdot \text{cm}^3/\text{s}$

Environment Characteristics

No.	Item		Performance		
1	Environment grade		I	II	III
2	Temperature range(℃)		-55~+85	-65~+125	
3	Humidity		+40℃ up 95%		
4	Low atmospheric range(kPa)		1.06	0.27~0.013	
5	Vibration	Acceleration(m/s ²)	10~2000	10~2000	10~3000
		Pulse lasting time(ms)	150	200	300
6	Shock	Frequency range(Hz)	500	750	1000
		Acceleration root-mean-square values (m/s ²)	11	6	6
7	Acceleration (m/s ²)		500	750	
8	Random Vibration((m/s ²) ² /Hz)		20	30	



JRC-089M Series Electromagnetic Relay

Specifications

No.	Item		Performance
1	Coil consumption(W)		≤ 0.5
2	Contact resistance(Ω)	Initial Value	≤ 0.05
		After life	≤ 0.2
3	Operating time(ms)		≤ 4
4	Releasing time(ms)		≤ 4
5	Insulation resistance(M Ω) Test voltage:500V(1 $\pm$ 10)d.c.	Under normal condition	≥ 500
		Under high temperature and high humidity and after life	≥ 10
6	Dielectric withstanding voltage Vr.m.s(50Hz)	Under normal condition	500
		Under low atmospheric	200
7	Contact load	Resistive: High level:1A,28Vd.c. Low level:10~50 μ A 10~50mVd.c.	
8	Life	1×10^5	

Coil Characteristics

No.	Coil voltage		25 $^{\circ}$ C			All temperature range	
	Nominal (Vd.c.)	Maximum (Vd.c.)	Coil Resistance (1 $\pm$ 10%) Ω	Maximun operating voltage (Vd.c.)	Maximun release voltage (Vd.c)	Maximun operating voltage (Vd.c.)	Minimun drop out voltage (Vd.c.)
005	5	7	84	3.2	0.25	4.5	0.15
006	6	8	84	3.2	0.25	4.5	0.15
012	12	16	340	6.4	0.60	9.0	0.36
015	15	20	520	8.0	0.75	11.0	0.45
018	18	24	750	9.5	0.90	13.0	0.54
024	24	32	1340	13.0	1.20	18.0	0.72
027	27	35	1700	13.5	1.50	19.0	0.90

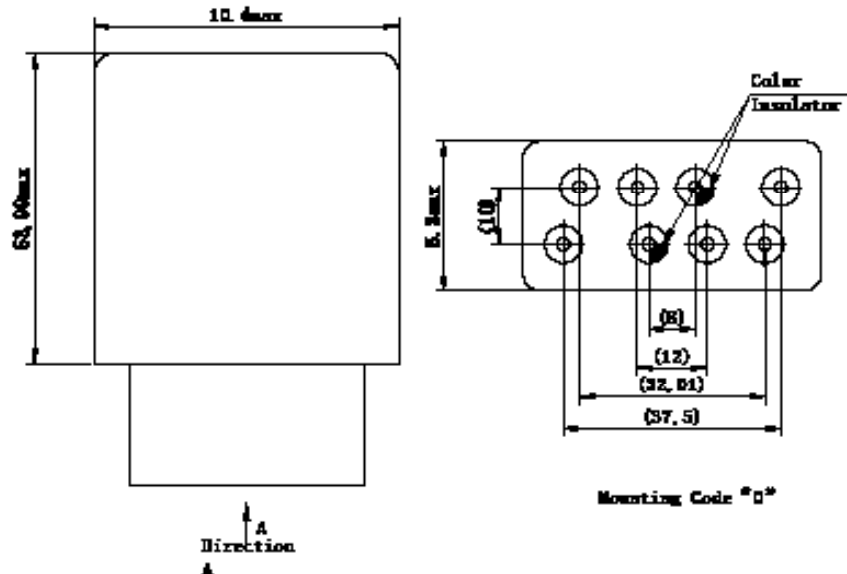
◆ Special coil types available upon to request ◆

Order information

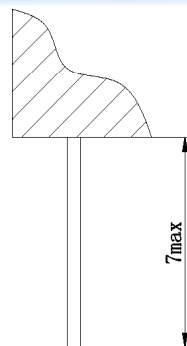
JZC-089M / 027 - 0 1 - I
 ① ② ③ ④ ⑤

- ① Basic series
- ② Coil voltage
- ③ Mounting style
- ④ Terminal type
- ⑤ Environmental grade

Mounting types



Terminal types



Pin Form: 2

Terminal Lead Type



JRC-089M Series Electromagnetic Relay

Bottom View

