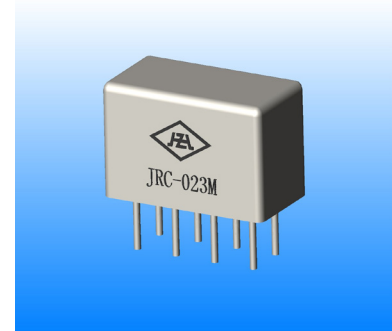


Product introduction

This product is 1/2 grid space and DIP relay, whose Dimension, mounting forms and terminals type accords With national military standard and foreign military relay Standard. This product applies for the aerial fields and Spaceflight as signal transmission and circuit switch.

Adopted military standard: MIL-R-5757



General Characteristics

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

Environment Characteristics

No.	Item		Performance	
1	Environment grade		B	A
2	Temperature range(℃)		$-55 \sim +85 (-45 \sim +150)$	
3	Humidity		$+40^\circ\text{C}$ up 95%	
4	Low atmospheric range(kPa)		1	
5	Vibration	Acceleration(m/s^2)	10~500	10~2000
		Pulse lasting time(ms)	100	150
6	Shock	Frequency range(Hz)	500	750
		Acceleration root-mean-square values (m/s^2)	11	6
7	Acceleration (m/s^2)		500(250)	
8	Random Vibration($(\text{m/s}^2)^2/\text{Hz}$)		20	



JRC-023M Series Electromagnetic Relay

Specifications

No.	Item		Performance
1	Coil consumption(W)		$\leq 0.9(0.8)$
2	Contact resistance(Ω)	Initial Value	≤ 0.05
		After life	≤ 0.2
3	Operating time(ms)		≤ 8
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	≥ 100
6	Dielectric withstanding voltage Vr.m.s(50Hz)	Under normal condition	500
		Under low atmospheric	200
7	Contact load	Resistive: High level:2A,28Vd.c. 1A,28Vd.c. Low level:10~50 μ A 10~50mVd.c.	
8	Life	High level:2A:2 $\times 10^4$ 1A:1 $\times 10^5$ Low level:1 $\times 10^5$	

Coil Characteristics

No.	Coil voltage		25 $^{\circ}$ C			Full temperature range	
	Nominal (Vd.c.)	Max (Vd.c.)	Coil Resistance (1 $\pm$ 10%) Ω	operating voltage Max(Vd.c.)	release voltage Min(Vd.c.)	operating voltage Max(Vd.c.)	drop out voltage Min(Vd.c.)
006	6	7.5	40	3.8(3.2)	0.5(0.6)	5(5.2)	0.33(0.25)
012	12	14	170(180)	7.1(7)	1(1.2)	10(10.5)	0.7(0.5)
018	18	21	380	10.7	1.3	15	0.9
024	24	28	680	14.4	1.8	19.5	1.3
027	27	32	850(1000)	16(14.5)	2(2.5)	23(24)	1.5(1.2)
048	(48)	(57)	(3000)	(28)	4.8	(42)	(3.4)

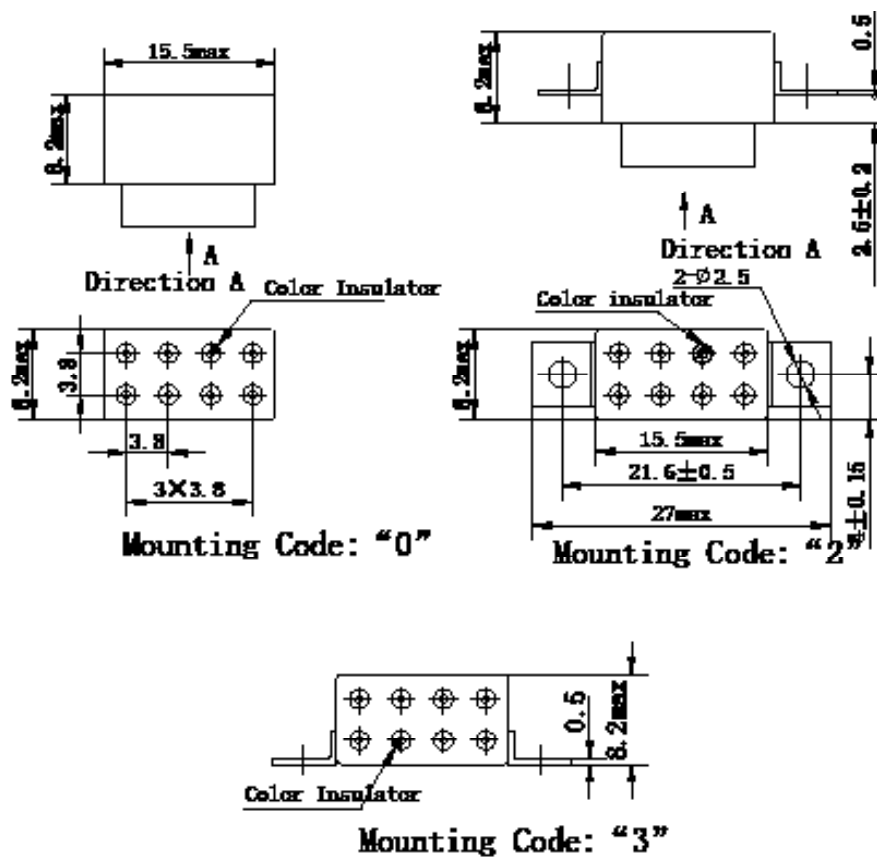
◆ Special coil types available upon to request ◆

Order information

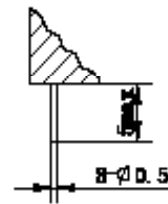
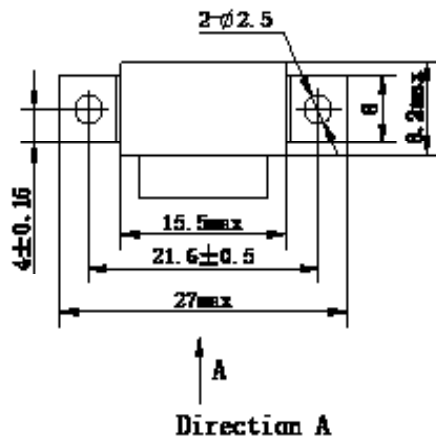
JRC-023M / 027 - 0 1 - II
 ① ② ③ ④ ⑤

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

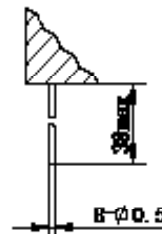
Mounting types



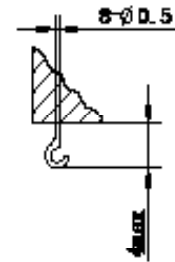
Terminal types



Pin Form:1



Soft pin:3



Solder Hook:4

Terminal Lead Type

Bottom View

