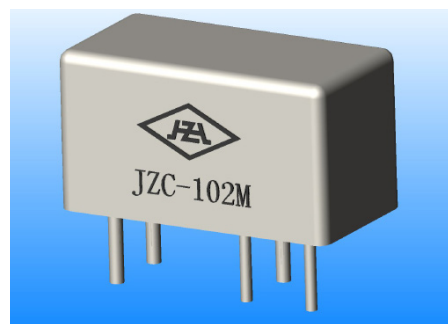


Product introduction

This product is a 10A load capacity 1/2 crystal cover relay, small in size with strong load capacity. It can be used for signal transmission and line switching in industries such as aviation, aerospace, and others.

Adopted military standard:MIL-R-5757



Environment Characteristics

No.	Item		Performance		
1	Environment grade		I	II	III(Only JZC-102M)
2	Temperature range(℃)		-65~+85		
3	Humidity		+40℃ up 90%~95%		
4	Low atmospheric range(kPa)		1	0.27~0.013	0.27~0.013
5	Vibration	Frequency range(Hz)	10~2000	10~2000	10~3000
		Acceleration(m/s ²)	150	200	200
6	Shock	Acceleration(m/s ²)	500	750	1000
		Pulse lasting time(ms)	11	6	6
7	Acceleration (m/s ²)		500	750	1000
8	Random Vibration((m/s ²) ² /Hz)		10(20)		20

Main Technical Datum

Contact style		1Z	Operating time(ms)	≤6
Coil consumption(W)		≤0.05	Releasing time(ms)	≤4(6)
Contact resistance(Ω)	Before life	≤0.05	Contact load	Resistive: 10A,28Vd.c. 5A,11Va.c. (50Hz~400HZ)
	After life	≤0.1		
Insulation resistance(MΩ)	Under normal condition	≥10000		
	Under high temperature and high humidity	≥500(100)	Sealed	≤1×10 ⁻¹ Pa.cm ³ /s
Dielectric withstanding voltage(50Hz)	Under normal condition	500	Life	2×10 ⁴
	Low atmospheric pressure	200(300)	Weight(g)	≤11(13)



JZC-102M Series Electromagnetic Relay

Coil Characteristics

No.	Coil voltage		25℃			Full temperature range	
	Nominal (Vd.c.)	Max (Vd.c.)	Coil Resistance (1±10%)Ω	operating voltage Max(Vd.c.)	release voltage Min(Vd.c.)	operating voltage Max(Vd.c.)	drop out voltage Min(Vd.c.)
005	5	6	21	3	0.29	4.2	0.21
006	6	7.5	30	3.6	0.35	5.1	0.25
009	9	10	65	6	0.55	8	0.35
012	12	15	125	7.3	0.7	10.5	0.5
015	15	18	190	9.1	0.8	13.1	0.6
024	24	28	475	15	1.0	21	0.8
027	27	32(30)	600	16	1.5	22.5	1.0

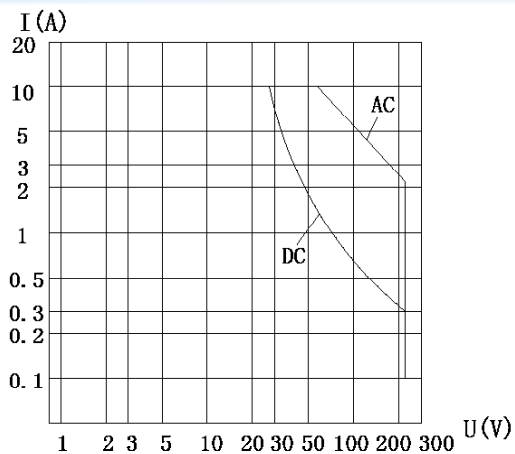
◆ Special coil types available upon to request ◆

Order information

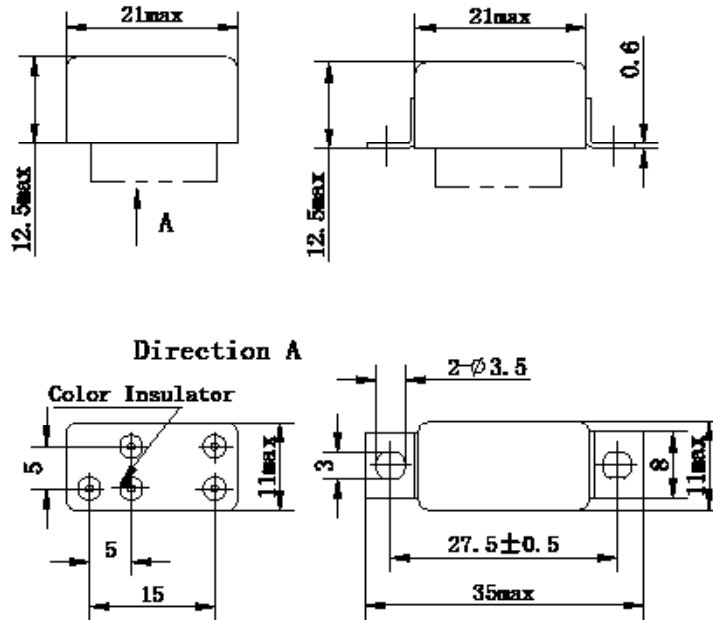
JZC-102M / 027 = 0 1 = I
 ① ② ③ ④ ⑤

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

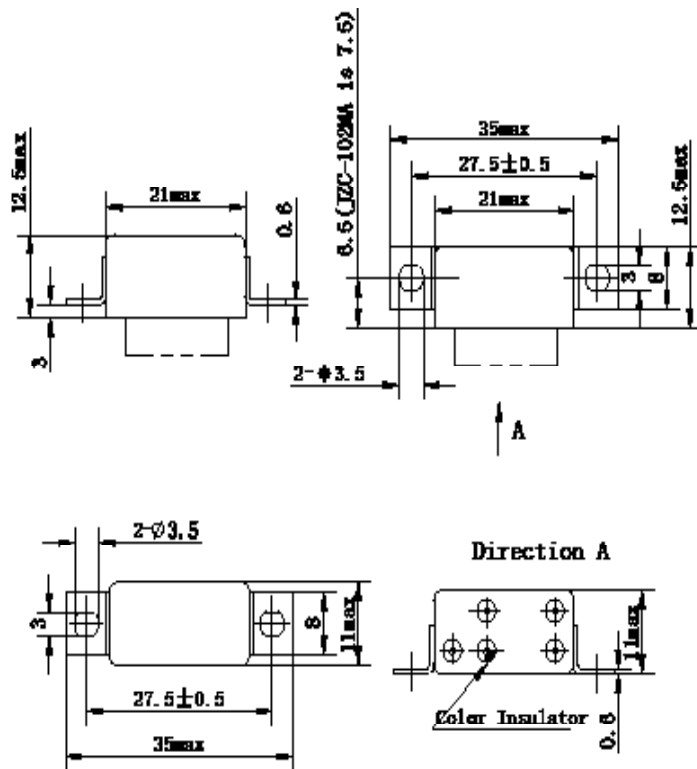
Load characteristic



Mounting types

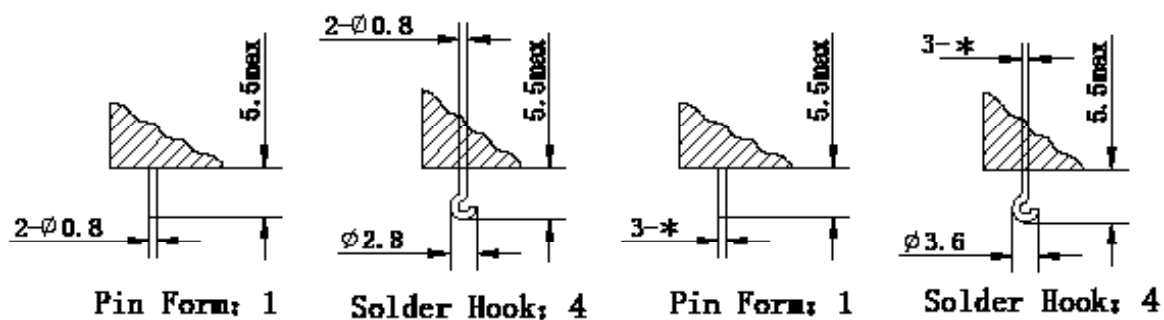


Mounting Code: "0" Mounting Code: "1"



Mounting Code: "2" Mounting Code: "3"

Terminal types



Coil outlet type

JZC-102M: $\phi 1$

Contact outlet type

JZC-102MA: $\phi 1.2$

Bottom View

