

Open-Frame Economic Reed Relay

Features

- Small size, Light weight and low cost.
- Application: Mainly use in Cordless. Answering Machine. Caller Display Unit.
- UL recognized



Order Code

TR-XX-XX
a b

a: Contact Form: 1A=1 Form A
b: Nominal Coil Voltage

Coil Data-Standard Type (at 20°C)

Nominal voltage DC±10%[V]	Coil Resistance ±10% (ohm)	Nominal Current (mA)	Max. Operate Voltage (VDC)	Min. Release Voltage (VDC)	Max. Allowable Voltage (VDC)
1.5	30	50	1.05	0.15	130%
3	63	47.6	2.25	0.3	
5	500	10	3.75	0.5	
8	700	11.4	6	0.8	
9	700	12.85	6.75	0.9	
12	1050	11.4	9	1.2	
24	2080	11.5	18	2.4	

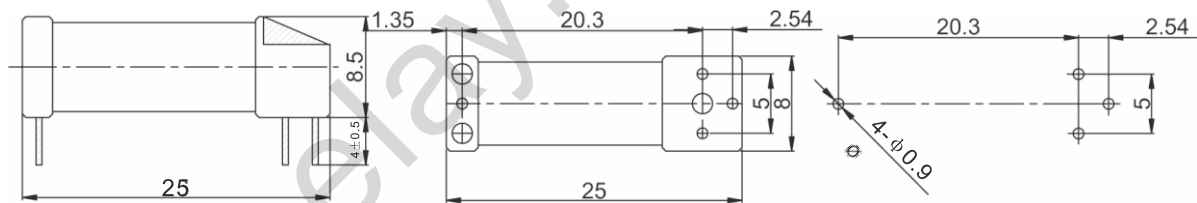
Contact Rating

Contact Form	1 Form A
Max. Switching Power	10VA(W)
Max. Switching Voltage	100VDC or Peak AC
Max. Switching Current	0.5A
Max. Carry Current	1.2A

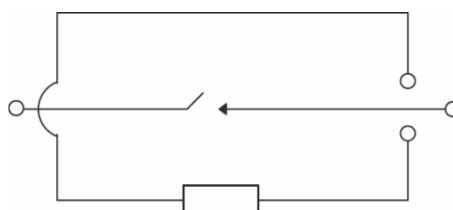
Specification

Contact Resistance	Max. 150m ohm
Operate Time	1ms
Release Time	0.5ms
Insulation Resistance	100M Ω Min.(500VDC)
Dielectric Strength	Between Open Contacts 200VDC(for 1 min)
	Between Coil to Contacts 1500VDC(for 1 min)
Vibration	1.5mm D.A. 10~55Hz
Shock Resistance	100g
Operating Temperature	-30℃ ~ +60℃
Life Expectancy of Mechanical	1x10 ⁷ ops
Life Expectancy of Electrical	1x10 ⁸ ops (at rated load)
Weight	Approx. 4.5g

Dimensions (Unit: mm)



Wiring Diagrams (Bottom View)



Reed Relays