

cosmo

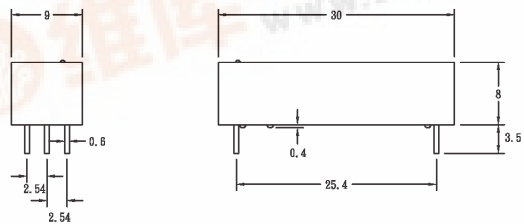
Reed Relay

V1C121000

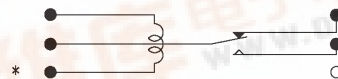
Features

1. Fully encapsulated.
2. Metal case for magnetic shield.
3. Pin layout in international standards metric pitch.

Outside Dimension:Unit (mm)

TOLERANCE : $\pm 0.1\text{mm}$

Schematic:Top View



Coil Ratings

(AT 20°C)

Parameter	Rating	Unit
Coil Resistance	500	Ω ($\pm 10\%$)
Nominal Coil Current	12	VDC
Maximun Continuous Voltage	20	VDC
Must Operate	9	VDC
Must Release	1.2	VDC
Rated Current	24	mA

Electrical Characteristics

Parameter	Rating	Unit
Contact Resistance	150	m Ω (max)
Operate Time	1.0	ms(max)
Bounce Time	2.0	ms(max)
Release Time	1.0	ms(max)
Insulation Resistance (100VDC)	10^9	Ω (min)
Power	3	VA(max)
Switching Voltage	100	VDC(max)
Switching Current	0.25	A(max)
Carry Current	0.5	A(max)
Breakdown Voltage (Across Open Contact)	200	VDC(min)
(Between Coil & Contact)	1500	VDC(min)
Life Expectancy (Signal Level)	5×10^7	
Operating Temp	-40 to 85	°C
Storage Temp	-40 to 125	°C
Resonant Frequency	3.5	KHZ
Vibration (10-2000HZ)	20	g(max)
Minimun Permissible Load	100	mVDC 10uA