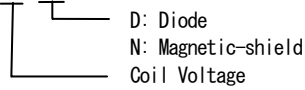


General Purpose SIP Type (1a Reed Relay)

■ Part number - Feature

● SIP-1M-**-**



- Single-In-Line package type, it is compact and lightweight
Adjacent mounting is possible when you use relays with magnetic shield (N type).

■ Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1a (make)
	Contact Rating	10W
	Max. Switching Voltage	DC. 100V
	Max. Switching Current	0.5 A
	Max. Carry Current	1.0 A
	Contact Resistance	150 mΩ MAX (Initial)
Electrical Specifications	Breakdown Voltage	Open Contacts DC. 200V (1 min) Contact to coil DC. 1000V (1min)
	Insulation Resistance	Between all isolated pins $1 \times 10^9 \Omega$ MIN (DC. 100V)
	Capacitance	Open Contacts 1.0pF MAX.
	Thermal Electromotive Force	30 μV/TYP.
	Operate Time	(incl. bounce) 1.0 mS MAX. (at Nominal Voltage)
	Release Time	0.5 mS MAX. (at Nominal Voltage)
Mechanical Specifications	Vibration	20G (0 to 2KHz 1.5mm)
	Shock	30G (11ms 1/2 Sin Wave)
Environment	Operating Temperature	-10°C to +60°C
Life Expectancy	Mechanical	1X10 ⁸ MIN. Operations
	Electrical	DC. 10mV-10 μA 1X10 ⁸ MIN. Operations (R.L.)

■ Coil Specifications

Contact Form	Part Number	Nominal Voltage DC. ±10% (V)	Coil Resistance ±10% (Ω) at 20°C	Nominal Current (mA)	Must Operate Voltage MAX. (V) at 20°C
1a	SIP-1M-24 (D, N)	24	1800	13.3	16.8
	SIP-1M12 (D, N)	12	800	15.0	8.4
	SIP-1M-05 (D, N)	5	500	10.0	3.8

■ Dimensions /Terminal Identification (Unit:mm)

Dimensions	Terminal Identification
<p>() : dimension of N-type with magnetic-shield weight about 2.0gr., N type: about 3.3gr.</p>	<p>TOP VIEW</p>