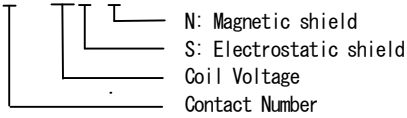


General Purpose DIP Type (1~2a • Reed Relay)

Part number • Feature

DIP-~~M~~-**S *



- Dual-In-Line package type of IC14-pin size, it is compact, lightweight and easy to mount.

Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1a, 2a (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) Contact to shield DC. 1000V (1min) Shield to coil DC. 1000V (1 min)
	Insulation Resistance	Between all isolated pins $1 \times 10^{10} \Omega$ MIN. (DC. 100V)
	Capacitance	Open Contacts 0.2pF MAX. (Shield Guarding)
	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. $\pm 10\%$ (V)	Coil Resistance $\pm 10\%$ (Ω) at 20°C	Nominal Current (mA)	Must Operate Voltage MAX. (V) at 20°C
1a	DIP-1M-24S (N)	24	1600	15.0	16.8
	DIP-1M-12S (N)	12	800	15.0	8.4
	DIP-1M-05S (N)	5	500	10.0	3.8
2a	DIP-2M-24S (N)	24	1600	15.0	16.8
	DIP-2M-12S (N)	12	400	30.0	8.4
	DIP-2M-05S (N)	5	140	35.7	3.8

Dimensions /Terminal Identification (Unit:mm)

Dimensions	Terminal Identification
<p>(): Dimension of N-type with magnetic shield. Weight about 2.2gr., N-type: about 3.1gr.</p>	<p>DIP-1M-***S DIP-2M-***S</p>