

■ Parts Number · Feature

● SIP-1M-※※(D)(N)

Coil Voltage

D : with Diode
N : with Magnetic shield
DN : with Diode and Magnetic shield

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

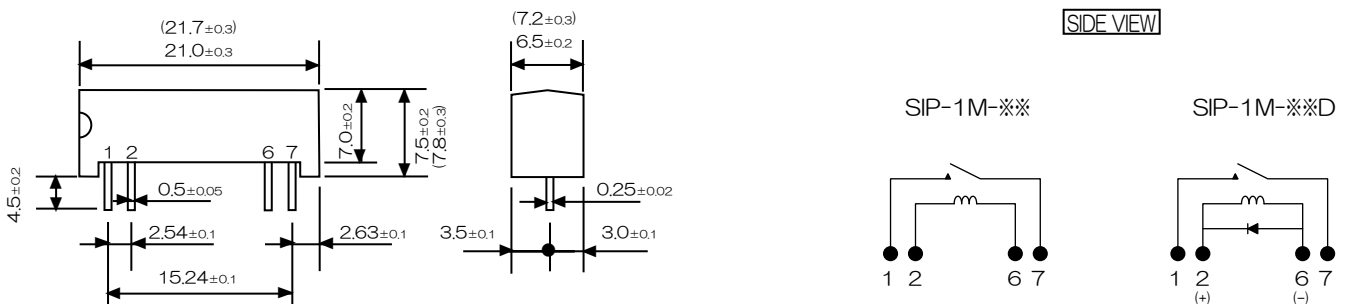
■ Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1a(Make)
	Contact Rating	10W
	Max. Switching Voltage	DC.100V
	Max. Switching Current	0.5A
	Max. Carry Current	1.0A
	Contact Resistance	150mΩ MAX.(Initial)
Electrical Specifications	Breakdown Voltage	Open contacts DC.200V, Contact to coil DC.1,000V (1 min)
	Insulation Resistance	$1 \times 10^{10} \Omega$ MIN.(DC.100V)
	Capacitance	Open contacts 1.0pF TYP.
	Thermal Electromotive Force	30μV TYP.
	Operate Time	(include bounce) 1.0msec MAX.(at Nominal Voltage)
	Release Time	0.5msec MAX.(at Nominal Voltage)
Mechanical Specifications	Vibration	20G(0~2kHz,1.5mm)
	Shock	30G(11msec,1/2 sine wave)
Environment	Operating Temperature	-10°C~+60°C
Life Expectancy	Mechanical	1×10^8 Operations MIN.
	Electrical	DC.10mV-10μA 1×10^8 Operations MIN.(R.L.) Please contact us for service life data.

■ Coil Specifications

Parts Number	Normal Voltage DC.±10%[V]	Coil Resistance ±10%[Ω]at20°C	Normal Current [mA]	Must Operate Voltage MAX.[V]at20°C
SIP-1M-24(D,N)	24	1,800	13.3	16.8
SIP-1M-12(D,N)	12	800	15.0	8.4
SIP-1M-05(D,N)	5	500	10.0	3.8

■ Dimensions / Terminal Identification (Unit:mm)



(): Dimension of N type with magnetic shield

Weight approximately 2.0gr.
N type approximately 3.3gr.