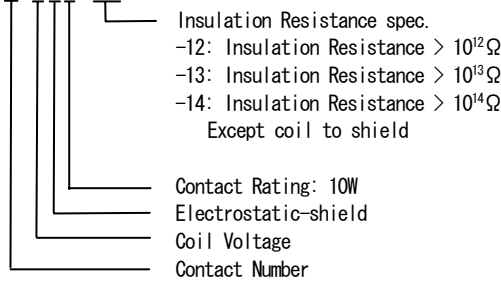


High Insulation and Axial-Lead Type (1~4a Reed Relay)

■ Part number - Feature

● TRR-~~0~~*SM-***



● High Insulation > 10¹¹Ω

■ Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1a, 2a, 3a, 4a (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 1×10 ¹¹ Ω MIN (DC. 100V)
	Capacitance	Open Contacts 0.1pF TYP.
	Thermal Electromotive Force	30μV TYP.
	Operate Time	(incl. bounce) 1.0 mS MAX. (at Nominal Voltage)
Mechanical Specifications	Release Time	0.5 mS MAX. (at Nominal Voltage)
	Vibration	20G (0 to 2KHz 1.5mm)
Environment	Shock	30G (1ms 1/2 Sin Wave)
	Operating Temperature	-10°C to +60°C
Life Expectancy	Mechanical	1X10 ⁸ MIN. Operations
	Electrical	DC. 10mV-10μA 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	TRR-101SM	24	2500	9.6	16.8
	TRR-102SM	12	1000	12.0	8.4
	TRR-104SM	5	500	10.0	3.8
2a	TRR-201SM	24	2400	10.0	16.8
	TRR-202SM	12	1000	12.0	8.4
	TRR-204SM	5	250	20.0	3.8
3a	TRR-301SM	24	2000	12.0	16.8
	TRR-302SM	12	500	24.0	8.4
	TRR-304SM	5	125	40.0	3.8
4a	TRR-401SM	24	1200	20.0	16.8
	TRR-402SM	12	400	30.0	8.4
	TRR-404SM	5	100	50.0	3.8

■ Dimensions / Terminal Identification (Unit:mm)

