

High Insulation and 50W High Power Axial-Lead Type (1_4a Reed Relay)

Part number • Feature

TRRP-20** (S) - **

- 11: Insulation Resistance spec.
-11: Insulation Resistance > 10¹¹
- 12: Insulation Resistance > 10¹²
Except coil to shield
- Electrostatic-shield
- Coil Voltage

High Insulation > 10¹¹

Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	2a (make)
	Contact Rating	50W
	Max. Switching Voltage	DC.100V
	Max. Switching Current	1 A
	Max. Carry Current	2 A
	Contact Resistance	150 m MAX (Initial)
Electrical Specifications	Breakdown Voltage	Open Contacts DC.250V (1 min) Contact to coil DC.1000V (1 min) Contact to shield DC.1000V (1 min) Shield to coil DC.1000V (1 min)
	Insulation Resistance	Between all isolated pins 1×10 ¹⁰ MIN (DC.100V)
	Capacitance	Open Contacts 2.5pF TYP. (S-type: 1.0pF MAX. (Shield Guarding))
	Thermal Electromotive Force	40μV TYP.
	Operate Time	(incl. bounce) 1.5 mS MAX. (at Nominal Voltage)
	Release Time	1.0 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 to +60
Life Expectancy	Mechanical	1X10 ⁸ MIN. Operations
	Electrical	DC.10mV-10μA 1X10 ⁸ MIN. Operations (R.L.) DC.50V-10A 1X10 ⁶ MIN. Operations (R.L.)

Coil Specifications

Contact Form	Part Number	Nominal Voltage DC. ± 10%(V)	Coil Resistance ± 10%()at20	Nominal Current (mA)	Must Operate Voltage MAX.(V)at20
2a	TRRP-2024(S)	24	2000	12.0	18.0
	TRRP-2012(S)	12	500	24.0	8.4
	TRRP-2005(S)	5	125	40.0	3.8

Dimensions /Terminal Identification (Unit:mm)

Dimensions	Terminal Identification
<p>weight about 5.4gr.</p>	<p>TOP VIEW</p> <p>TRRP-2000</p> <p>TRRP-2000S</p>

OKITA

<http://www.okita.co.jp>