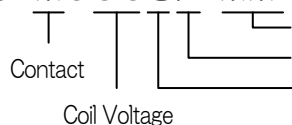


Low Thermal Electromotive Force Type (1a~4a · Reed Relay)

TRD-※000SF-※※

■ Parts Number · Feature

● TRD-※000SF-※※



Insulation Resistance (except coil to shield)
Low Thermal Electromotive Force
with Electrostatic Shield

$-10: 10^{10} [\text{ohm}]$
 $-11: 10^{11} [\text{ohm}]$
 $-12: 10^{12} [\text{ohm}]$
 $-13: 10^{13} [\text{ohm}]$

- Low Thermal Electromotive Force 3[microV] typ.

■ Performance

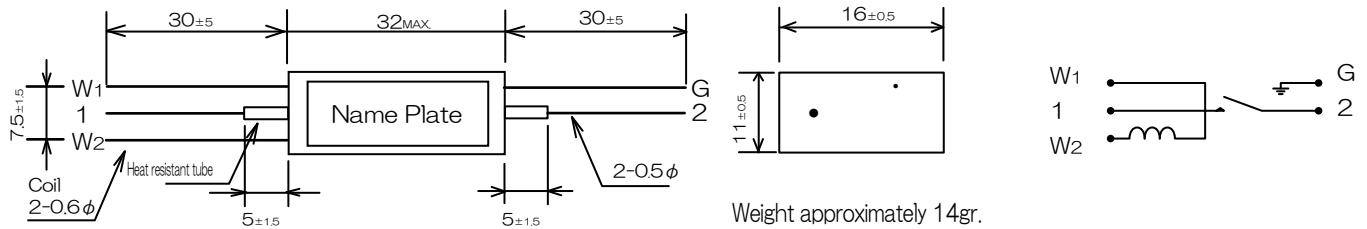
Specifications	Item	Standard
Contact Specifications	Contact Form	1a · 2a · 3a · 4a (Make)
	Contact Rating	50W
	Max. Switching Voltage	DC.200V
	Max. Switching Current	1A
	Max. Carry Current	2A
	Contact Resistance	150mΩ MAX. (Initial)
Electrical Specifications	Breakdown Voltage	Between contacts DC.400V, Between each Conductors DC.500V (1min.)
	Insulation Resistance	$1 \times 10^9 \Omega$ MIN. (DC.100V)
	Capacitance	Across Open Contacts 0.5pF MAX. (Connect G terminal to earth)
	Thermal Electromotive Force	3μV TYP.
	Operate Time	(Include bounce) 1.2mS MAX. (at Nominal Voltage)
	Release Time	1.0mS MAX. (at Nominal Voltage)
Mechanical Specifications	Vibration	20G (0~2kHz, 1.5mm)
	Shock	30G (11mS, 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. (Resistance Load) Please contact us for service life data.

■ Coil Specifications

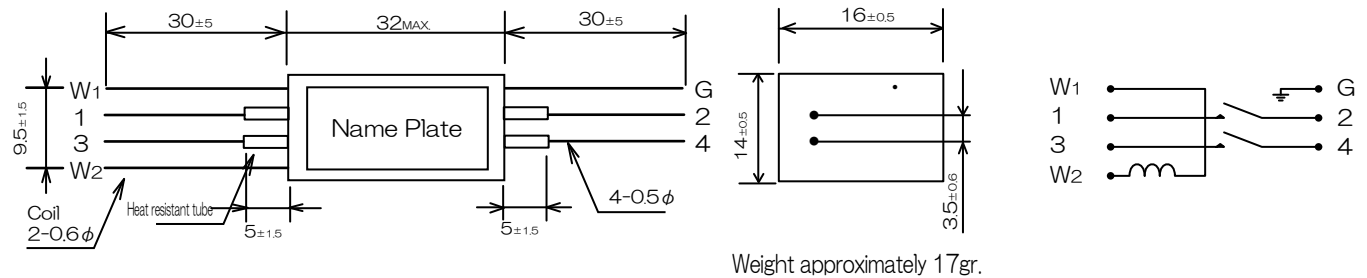
Contact form	Parts Number	Nominal Voltage DC±10% [V]	Coil Resistance ±10% [Ω] at 20°C	Nominal Current [mA]	Must Operate Voltage MAX. [V] at 20°C
1Form a	TRD-1024SF	24	6,000	4.0	16.8
	TRD-1012SF	12	2,400	5.0	8.4
	TRD-1005SF	5	600	8.3	3.8
2Form a	TRD-2024SF	24	6,000	4.0	16.8
	TRD-2012SF	12	1,500	8.0	8.4
	TRD-2005SF	5	500	10.0	3.8
3Form a	TRD-3024SF	24	5,000	4.8	16.8
	TRD-3012SF	12	1,250	9.6	8.4
	TRD-3005SF	5	300	16.7	3.8
4Form a	TRD-4024SF	24	3,000	8.0	16.8
	TRD-4012SF	12	750	16.0	8.4
	TRD-4005SF	5	150	33.3	3.8

■ Dimensions / Terminal Identification (Unit:mm)

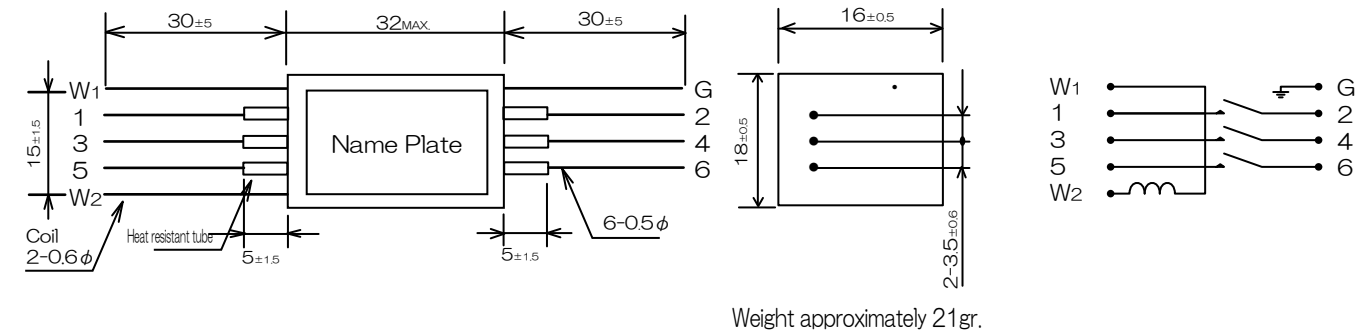
TRD-1000SF(1Form a 1Make)



TRD-2000SF(2Form a 2Make)



TRD-3000SF(3Form a 3Make)



TRD-4000SF(4Form a 4Make)

