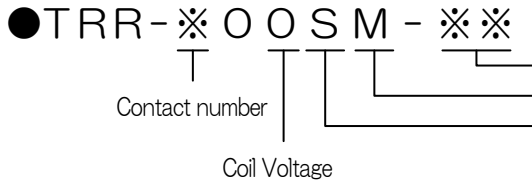


■ Parts Number · Feature



Insulation Resistance (except coil to shield)
Contact Rating 10W
with Electrostatic Shield

$\left\{ \begin{array}{l} -12 : 10^{12} [\text{ohm}] \\ -13 : 10^{13} [\text{ohm}] \\ -14 : 10^{14} [\text{ohm}] \end{array} \right.$

- High Insulation Resistance $> 10^{11} [\text{ohm}]$

■ Performance

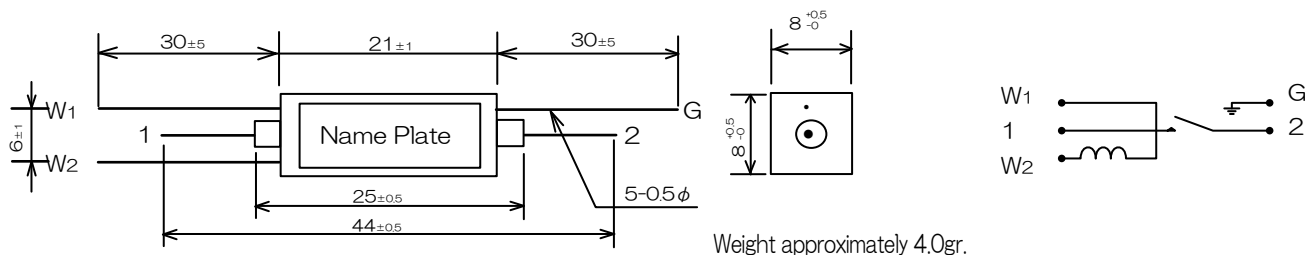
Specifications	Item	Standard
Contact Specifications	Contact Form	1a · 2a · 3a · 4a (Make)
	Contact Rating	10W
	Max. Switching Voltage	DC.100V
	Max. Switching Current	0.5A
	Max. Carry Current	1.0A
	Contact Resistance	150mΩ MAX. (Initial)
Electrical Specifications	Breakdown Voltage	Between contacts DC.200V, Between each Conductors DC.1,000V (1min.)
	Insulation Resistance	$1 \times 10^{11} \Omega$ MIN. (DC.100V)
	Capacitance	Across Open Contacts 0.1pF TYP. (Connect G terminal to earth)
	Thermal Electromotive Force	30μV TYP.
	Operate Time	(Include bounce) 1.5mS 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

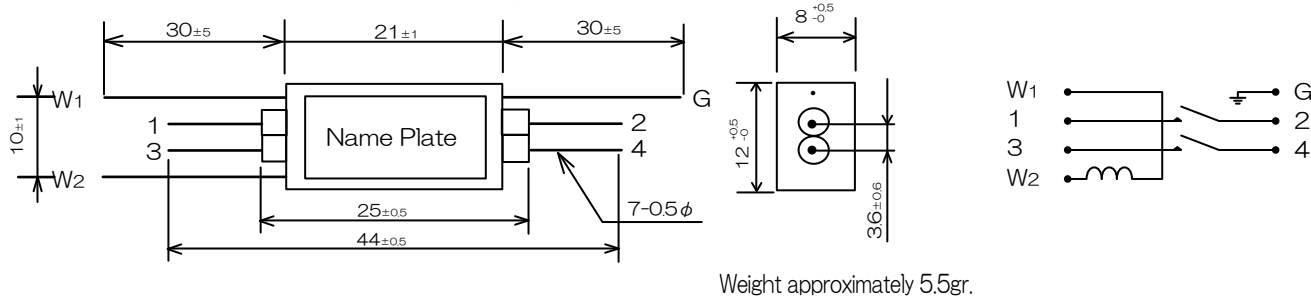
Contact form	Parts Number	Nominal Voltage DC±10% [V]	Coil Resistance ±10% [Ω] at 20°C	Nominal Current [mA]	Must Operate Voltage MAX. [V] at 20°C
1 Form a	TRR-101SM	24	2,500	9.6	16.8
	TRR-102SM	12	1,000	12.0	8.4
	TRR-104SM	5	500	10.0	3.8
2 Form a	TRR-201SM	24	2,400	10.0	16.8
	TRR-202SM	12	1,000	12.0	8.4
	TRR-204SM	5	250	20.0	3.8
3 Form a	TRR-301SM	24	2,000	12.0	16.8
	TRR-302SM	12	500	24.0	8.4
	TRR-304SM	5	125	40.0	3.8
4 Form a	TRR-401SM	24	1,200	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)

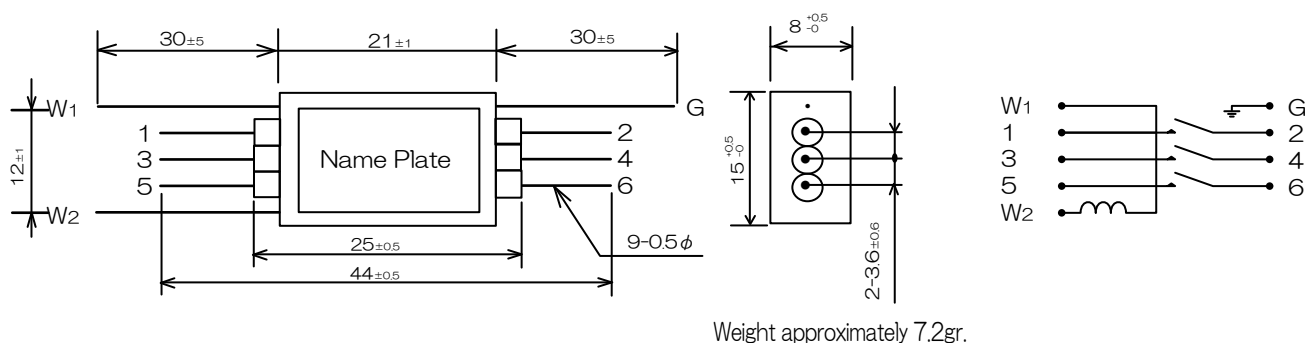
TRR-100SM(1Form a 1Make)



TRR-200SM(2Form a 2Make)



TRR-300SM(3Form a 3Make)



TRR-400SM(4Form a 4Make)

