

Small Surface Mount Transfer type  
(1 Form C · Reed Relay)

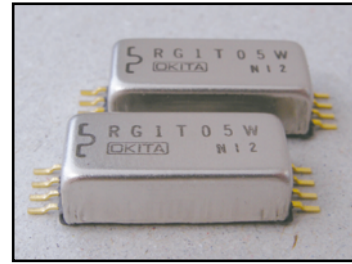
RG1T05W

■ Part Number · Feature

● RG1T05W

W : Dual guarding  
05 : Coil Voltage(5V)

● Electrostatic and magnetic shielded for high frequency



■ Performance

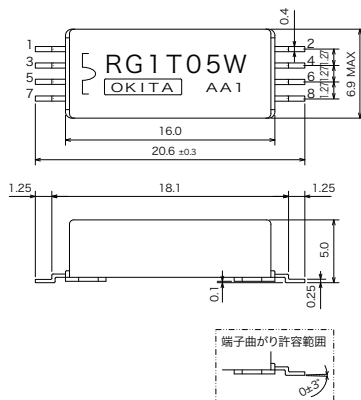
Specifications	Item	Standard
Contact Specifications	Contact Form	1FormC(1FormA/1FormB) Transfer
	Contact Rating	10W
	Max Switching Voltage	DC.100V
	Max Switching Current	0.5A
	Max Carry Current	1.0A
	Contact Resistance	200mΩ MAX.(Initial)
Electrical Specifications	Breakdown Voltage	Between Contact DC.200V (1min)
		Contact to coil DC.200V (1min)
		Contact to shield DC.200V (1min)
		Coil to shield DC.200V (1min)
	Insulation Resistance	$1 \times 10^{12} \Omega$ MIN.(DC.100V)
	Capacitance	Across Open Contacts 0.2pF TYP.(Shield guarding)
		Contact to shield 1.5pF TYP.
Thermal Electromotive Force	40μV TYP.	
Operate Time	(Include bounce) 1.0mS MAX.(at Nominal Voltage)	
Release Time	(Include bounce) 1.0mS MAX.(at Nominal Voltage)	
Mechanical Specifications	Vibration	20G(10~2kHz,1.5mm)
	Shock	30G(11mS, 1/2 sine wave)
Environment	Operating Temperature	-10°C~+60°C
Life Expectancy	Mechanical	$1 \times 10^8$ Operations MIN.
	Electrical	-

■ Coil Specifications

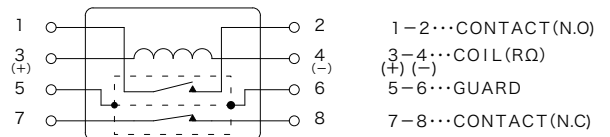
Part Number	Nominal Voltage DC±10%[V]	Coil Resistance ±10%[Ω]at20°C	Must Operate Voltage MAX.[V]at20°C	Must Release Voltage MAX.[V]at20°C
RG1T05W	5	140	3.8	0.5

RG1T05W

■ Dimensions · Terminal Identification (Unit : mm)



TOP VIEW



Weight  
about 1.3gr.