Small Stand types
(1a Reed Relay)

■ Part number・Feature

● GN1＊＊S

S: Electrostatic-shield
Coil Voltage

● Stand type, small mounting space for high density mounting

■ Performance

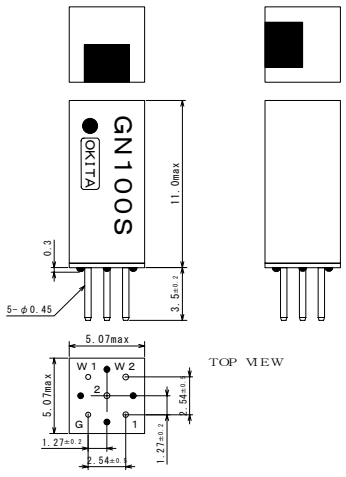
Specifications	Item	Standard
Contact Specifications	Contact Form	1 a (make)
	Contact Rating	10 W
	Max. Switching Voltage	DC.150 V
	Max. Switching Current	0.5 A
	Max. Carry Current	1.0 A
	Contact Resistance	200mΩ MAX. (Initial)
Electrical Specifications	Break Voltage	Between Contact DC.200V Contacts to coil DC.200V Contacts to shield DC.200V Coil to shield DC.200V
	Insulation Resistance	Between all isolated pins 1×10^{10}Ω MIN. (DC.100V)
	Capacitance	Across Open contacts 0.7pF Typ. Contact to shield 1.0pF Typ.
	Thermal Electromotive Force	600 μV Typ.
	Operate Time	(incl. bounce) 0.4mS MAX. (at Nominal Voltage)
	Release Time	0.1mS MAX. (at Nominal Voltage)
Mechanical Specifications	Vibration	20 G (0～2KHz, 1.5mm)
	Shock	30 G (11mS, 1/2 Sin Wave)
Environment	Operating Temperature	-10℃～+60℃
Life Expectancy	Mechanical	1×10^{8} MIN. Operations
	Electrical	

■ Coil Specifications

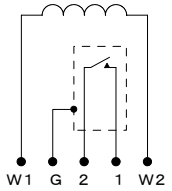
Contact Form	Part Name	Nominal Voltage DC.±10%(V)	Coil Resistance ±10%(Ω)at20℃	Nominal Current (mA)	Must-Operate Voltage MAX.(V)at20℃
1a	GN112S	12	600	20.0	8.4
	GN105S	5	200	25.0	3.8

■ Dimensions/Terminal Identification (Unit:mm)

Dimensions



Terminal Identification



1 － 2 … CONTACT (N.O)

W1－W2… COIL (R Ω)

G … GUARD