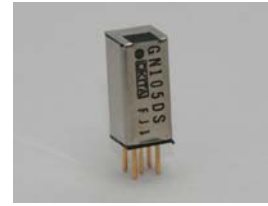
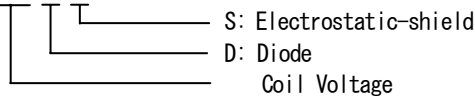


Small Stand types (1a Reed Relay)

Part number - Feature

GN1**DS



- Stand type, small mounting space for high density mounting
- Coil with diode, Electrostatic and magnetic shield

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 $1 \times 10^{10} \Omega$ MIN. (DC. 100V)
	Capacitance	Across Open contacts 0.3pF Typ. (shield guarding) Contact to shield 1.0pF Typ.
	Thermal Electromotive Force	600 μ V 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°C~+60°C
Life Expectancy	Mechanical	1×10^8 MIN. Operations
	Electrical	

Coil Specifications

Contact Form	Part Name	Nominal Voltage DC. $\pm 10\%$ (V)	Coil Resistance $\pm 10\%$ (Ω) at 20°C	Nominal Current (mA)	Must-Operate Voltage MAX. (V) at 20°C
1a	GN112DS	12	600	20.0	8.4
	GN105DS	5	200	25.0	3.8

Dimensions/Terminal Identification (Unit:mm)

Dimensions	Terminal Identification
	<p>1 - 2 ... CONTACT (N.O) W1-W2... COIL (R Ω) (+) (-) G ... GUARD</p>