High Temperature Operation Small Stand Type
(1a Reed Relay)

■ Part number・Feature (Small mount space)

● GH105DS

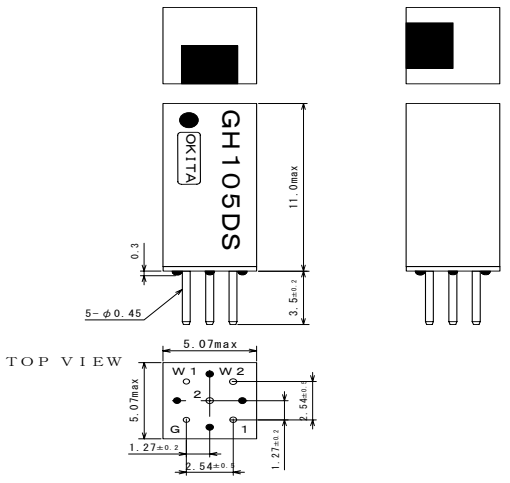
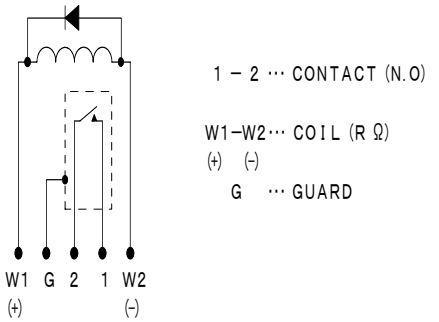
- Operating Temperature −30℃ to +140℃
- Stand type mounting space for high density mounting
  Coil with diode, electrical shield

■ Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1a (make)
	Contact Rating	10W
	Max. Switching Voltage	DC150 V
	Max. Switching Current	0.5 A
	Max. Carry Current	1.0 A
	Contact Resistance	200 mΩ MAX (Initial)
Electrical Specifications	Breakdown Voltage	Open Contacts DC200V (1 min) Contact to shield DC.200V (1min) Shield to coil DC.200V (1min)
	Insulation Resistance	$1\times10^{10}\Omega$ MIN (DC100V RT/RH)
	Capacitance	Across Open Contacts 0.2pF TYP. (Shield guarding)
	Thermal Electromotive Force	600μV TYP.
	Operate Time	(Incl bounce) 0.4 mS MAX. (at Nominal Voltage)
	Release Time	0.1 mS MAX. (at Nominal Voltage)
Mechanical Specifications	Vibration	20G (0 to 2KHz 1.5mm)
	Shock	30G (11mS 1/2 Sin Wave)
Environment	Operating Temperature	−30℃ to +140℃
Life Expectancy	Mechanical	$1X10^{8}$ MIN. Operations
	Electrical	−

■ Coil Specifications

Contact Form	Part Number	Nominal Voltage DC.±10%(V)	Coil Resistance ±10%(Ω)at20℃	Nominal Current (mA)	Must Operate Voltage MAX.(V)at20℃
1a	GH105DS	5	200	25	2.5

■ Dimensions /Terminal Identification (Unit:mm)

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