

■ Parts Number • Feature

● HFSS-1A-※※(W)



● Low stray capacitance

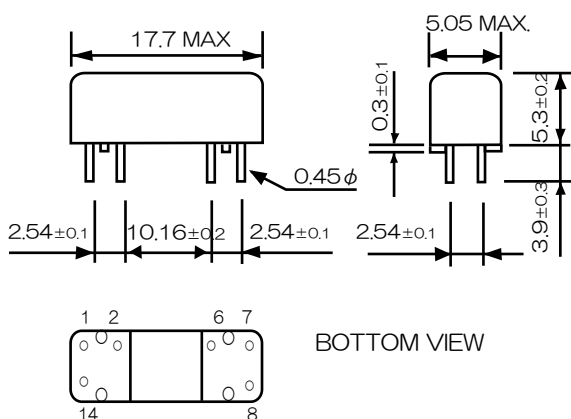
■ Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1 Form a (Make)
	Contact Rating	10W
	Max. Switching Voltage	DC100V
	Max. Switching Current	0.5A
	Max. Carry Current	1.0A
	Contact Resistance	150mΩ MAX.(Initial)
Electrical Specifications	Breakdown Voltage	Open contacts , Between each Conductors DC,200V (1min)
	Insulation Resistance	$1 \times 10^{10} \Omega$ MIN.(DC,100V)
	Capacitance	Open contacts 0.1pF MAX.(Connect G terminal to earth) , Contact to shield 2pF MAX.
	Thermal Electromotive Force	without W : $40 \mu V$ TYP. , with W : $50 \mu V$ TYP.
	Operate Time	(include bounce) 0.5msec MAX.(at Nominal Voltage)
	Release Time	0.2msec MAX.(at Nominal Voltage)
Mechanical Specifications	Vibration	20G(0~2kHz ,1.5mm)
	Shock	30G(11msec ,1/2 sine wave)
Environment	Operating Temperature	-10°C~+60°C
Life Expectancy	Mechanical	3×10^8 Operations MIN.
	Electrical	Please contact us for service life data.
High Frequency Characteristics (I/O Impedance 50Ω)	Return Loss	10MHz 30dB MIN. 50MHz 25dB MIN.
	Isolation	10MHz 50dB MIN. 50MHz 40dB MIN.
	Insertion Loss	10MHz 0.12dB MAX. 50MHz 0.14dB MAX.

■ Coil Specifications

Parts Number	Nominal Voltage DC $\pm 10\%$ [V]	Coil Resistance $\pm 10\%[\Omega]$ at20°C	Nominal Current [mA]	Must Operate Voltage MAX.[V]at20°C
HFSS-1A-24(W)	24	1,200	20.0	16.8
HFSS-1A-12(W)	12	600	20.0	8.4
HFSS-1A-05(W)	5	160	31.3	3.8

■ Dimensions / Terminal Identification (Unit : mm)



weight approximately 1.0gr.

