

Micro Size · Low Stray Capacitance Type
(2 Form a · DRY Reed Relay)

HFSS-2A-※※

■ Parts Number · Feature

● HFSS-2A-※※

Coil Voltage

● Low stray capacitance

2 Form a PCB type

■ Performance

Specifications	Item	Standard			
Contact Specifications	Contact Form	2 Form a(Make)			
	Contact Rating	10W			
	Max. Switching Voltage	DC.100V			
	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(1 min)			
	Insulation Resistance	1×10 ¹⁰ Ω MIN.(DC.100V)			
	Capacitance	Open contacts 0.1pF MAX.(Connect G terminal to earth) , Contact to Guard 4pF MAX.			
	Thermal Electromotive Force	40 μ V TYP.			
	Operate Time	(include bounce)	0.5msec MAX.(at Norminal Voltage)		
	Release Time	0.2msec MAX.(at Norminal Voltage)			
Mechanical Specifications	Vibration	20G(0~2kHz,1.5mm)			
	Shock	30G(11msec,1/2 sine wave)			
Environment	Operating Temperature	-10℃~+60℃			
Life Expectancy	Mechanical	1×10 ⁸ Operations MIN.			
	Electrical	DC.10mV-10 μ A 1×10 ⁸ Operations MIN.(R.L.)			
		Please contact us for service life data.			
High Frequency Characteristics (I/O Impedance 50Ω)	Return Loss	10MHz	30dB MIN.	50MHz	25dB MIN.
	Isolation		50dB MIN.		40dB MIN.
	Insertion Loss		0.12dB MAX.		0.14dB MAX.

■ Coil Specifications

Parts Number	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
HFSS-2A-24	24	1,200	20.0	16.8
HFSS-2A-12	12	600	20.0	8.4
HFSS-2A-05	5	140	35.7	3.8

■ Dimensions / Terminal Identification (Unit : mm)

