

Micro Size Low Stray Capacitance Independent Coil Driving type (2 a Reed Relay)

Part number • Feature

HFSS-2AR- * *NH

Coil Voltage



High density mount: Mountable 2a contact on 1a contact type's area

Long life: 3×10^8 Operations

Height: 9mm

Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	2 a (make)
	Contact Rating	10 W
	Max. Switching Voltage	DC.100 V
	Max. Switching Current	0.5 A
	Max. Carry Current	1.0 A
	Contact Resistance	150M 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 1×10^9 MIN. (DC.100V)
	Capacitance	Across Open contacts 0.2pF Typ.(shield guarding) Contact to shield 1.7pF Typ.
	Thermal Electromotive Force	40 μ V Typ.
	Operate Time	(incl. bounce) 0.35mS MAX. (at Nominal Voltage)
	Release Time	0.25mS 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	3×10^8 MIN. Operations
	Electrical	

Coil Specifications

Contact Form	Part Name	Nominal Voltage DC. $\pm 10\%$ (V)	Coil Resistance $\pm 10\%$ ()at20	Nominal Current (mA)	Must-Operate Voltage MAX.(V)at20
2 a	HFSS-2AR-12NH	12	600	20	8.4
	HFSS-2AR-05NH	5	160	31.3	3.6

Dimensions/Terminal Identification (Unit:mm)

Dimensions	Terminal Identification
<p style="text-align: center;">BOTTOM VIEW</p>	<p style="text-align: center;">TOP VIEW</p> <p>(Two Coil drive) COIL CONTACT 2 - 13 pin 1 - 7 pin ON 9 - 13 pin 8 - 14 pin ON</p>

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