

Part Number **HSR-V100RF** Contact Form A Switch Configuration SPST Rev. G

Outstanding Performance in RF, Voltage Holdoff, and Arc Suppression

Features	Advantages
<ul style="list-style-type: none"> Hermetically sealed contacts Rhodium contacts in vacuum environment Unique blade design and surface finish Leaded glass currently exempted from RoHS requirements 	<ul style="list-style-type: none"> Extended operations in extreme environments Not ESD sensitive Q measurement at least 60% of pure Copper wire Insertion loss < 0.01 dB up to 30 MHz RF isolation > 50 dB up to 30 MHz High voltage holdoff

Electrical Specifications

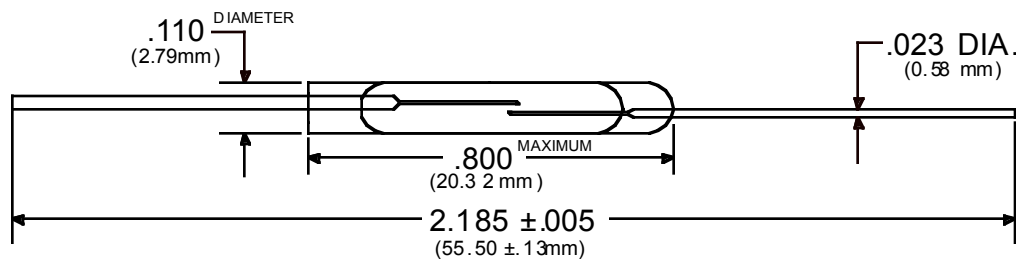
Power		Watts - maximum	10
Voltage	Switching	VAC - maximum	220
	Breakdown	VDC - minimum	1500
Current	Switching	RF Amp - maximum	1
	Carry	Amp - maximum	2
Resistance	Initial Contact Resistance	Ohm - maximum	0.15
	Insulation Resistance	Ohm - minimum	1 E10
Capacitance	Contact	pF - typical	0.2
Temperature	Operating	°C	-60 to +125
	Storage	°C	-100 to +200

Magnetic Specifications

Pull - In Range		Ampere Turns	15-40
Test Coil		NARM RS-421-A	Coil II

Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	0.12
Contact Material			Rhodium
Operate Time	Including Bounce	mSeconds - maximum	1.40
Release Time	Including Bounce	mSeconds - maximum	1.00



- Notes:
- (1) Specifications are not constant across entire magnetic range.
 - (2) Customer must exercise care in handling, mounting, lead forming, and cutting to prevent damage to glass capsule and/or switch sensitivity.
 - (3) For information or custom configurations about performance, mounting options or packaging, contact our Sales department.
 - (4) Information contained hereon is for informational purposes only and should not be deemed as accurate for a specific application. Consult factory for specific application information and/or latest revision.