

Part Number HSR-1016F Contact Form A Switch Configuration SPST Rev. F

Industry Standard Size Switch with RF Capability

Features	Advantages
<ul style="list-style-type: none"> Hermetically sealed contacts Unique blade design and surface finish Switch materials are Lead free and RoHS compliant 	<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 30MHz RF Isolation > 50 dB up to 30 MHz Very good RF performance up to 30 MHz

Electrical Specifications

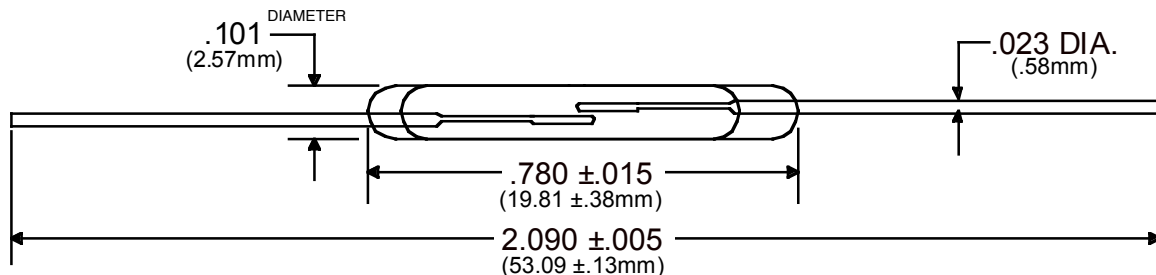
Power		Watts - maximum	10
Voltage	Switching	VDC - maximum	200
	Breakdown	VDC - minimum	400
Current	Switching		0.5
	Carry		2.7
Resistance	Initial Contact Resistance	Ohm - maximum	0.15
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.9
Temperature	Operating	°C	-40 to +125
	Storage	°C	-40 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	0.1
Contact Material			Rhodium
Operate Time	Including Bounce	mSeconds - maximum	0.70
Release Time		mSeconds - maximum	0.20



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 (4) department.

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.