

Item Number HSR-1016F Series Contact Form A Switch Configuration SPST Rev. H

Form A Miniature 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"> • Insertion loss < 0.01 dB up to 30 MHz • RF Isolation > 50 dB up to 30 MHz • Q measurement at least 60% of pure Copper Wire • Not ESD sensitive

Electrical Specifications

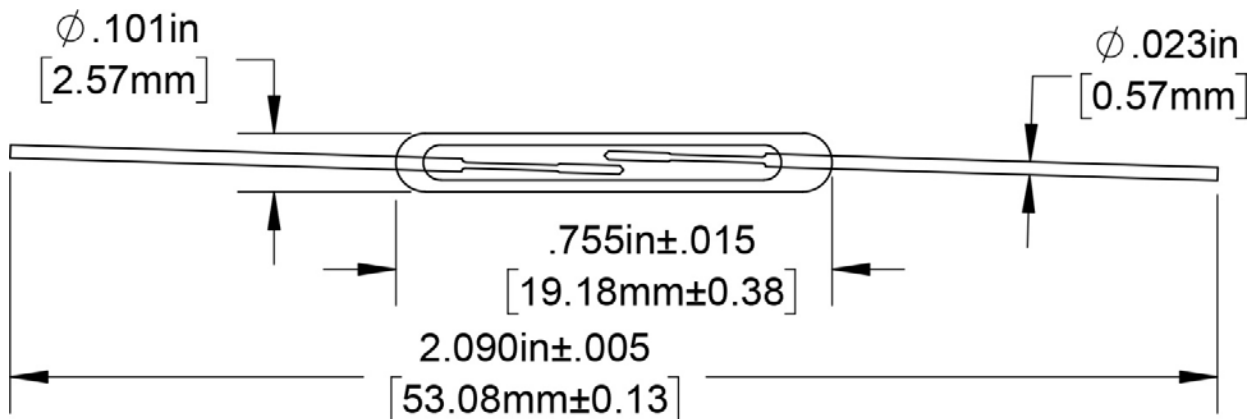
Power		Watts - maximum	10
Voltage	Switching	VDC - maximum	200
	Breakdown	VDC - minimum	400
Current	Switching	Amp - maximum	0.5
	Carry	Amp - maximum	2.7
Resistance	Initial Contact Resistance	Ohm - maximum	0.15
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.9
Temperature	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 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.