

Part Number **HSR-004R** Contact Form A Switch Configuration SPST Rev. D

### Very Small Rhodium Contact Switch

Features	Advantages
<ul style="list-style-type: none"> <li>Hermetically sealed contacts</li> <li>Switch materials are Lead free and RoHS complaint</li> <li>Optimal glass size to wire ratio</li> </ul>	<ul style="list-style-type: none"> <li>Extended operations in extreme environments</li> <li>Not ESD sensitive</li> <li>Hi-Rel and commercial versions available</li> </ul>

### Electrical Specifications

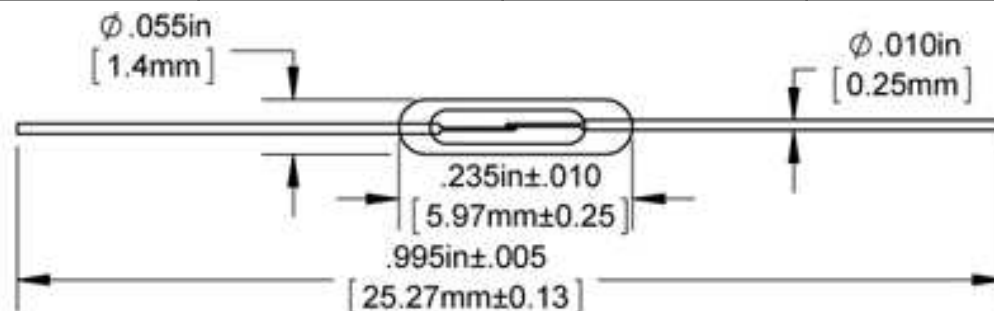
Power		Watts - maximum	1
Voltage	Switching	VDC - maximum	30
	Breakdown	VDC - minimum	250
Current	Switching	Amp - maximum	0.05
	Carry	Amp - maximum	1.0
Resistance	Initial Contact Resistance	Ohm - maximum	0.75
	Insulation Resistance	Ohm - minimum	1 E12
Capacitance	Contact	pF - typical	0.7
Temperature	Operating	°C	-40 to +125
	Storage	°C	-40 to +200

### Magnetic Specifications

Pull - In Range		Ampere Turns	5-20
Test Coil		NARM RS-421-A	Coil I

### Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	0.009
Contact Material			Rhodium
Operate Time	Including Bounce	mSeconds - maximum	0.20
Release Time		mSeconds - maximum	0.10


**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.