

Part Number **HSR-981F** Contact Form **A** Switch Configuration **SPST** Rev. **C**

### High Voltage Holdoff with Radio Frequency Switching

Features	Advantages
<ul style="list-style-type: none"> <li>Hermetically sealed contacts</li> <li>Rhodium contacts in vacuum environment</li> <li>Leaded glass currently exempt from RoHS requirements</li> <li>Voltage breakdown determined with maximum of 1<math>\mu</math>A leakage current</li> </ul>	<ul style="list-style-type: none"> <li>Extended operations in extreme environments</li> <li>Not ESD sensitive</li> <li>Q measurement at least 60% of pure Copper wire</li> <li>Insertion Loss &lt; 0.01dB up to 30MHz</li> <li>Rf Isolation &gt; 50 dB up to 30 MHz</li> </ul>

### Electrical Specifications

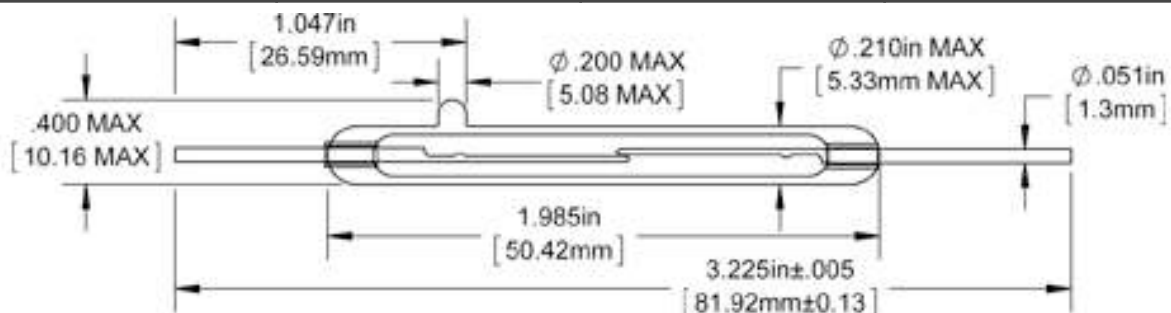
Power		Watts - maximum	25
Voltage	Switching	VDC - maximum	3500
	Breakdown	VDC - minimum	7500
Current	Switching		1.5
	Carry		5
Resistance	Initial Contact Resistance	Ohm - maximum	0.10
	Insulation Resistance	Ohm - minimum	1E10
Capacitance	Contact	pF - typical	3.4
Temperature	Operating	°C	-60 to +125
	Storage	°C	-100 to +200

### Magnetic Specifications

Pull - In Range		Ampere Turns	100-145
Test Coil		NARM RS-421-A	Coil III

### Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	2.73
Contact Material			Rhodium
Operate Time	Including Bounce	mSeconds - maximum	2.50
Release Time		mSeconds - maximum	1.00



#### Notes:

- Specifications are not constant across entire magnetic range.
- Customer must exercise care in handling, mounting, lead forming, and cutting to prevent damage to glass capsule and/or switch sensitivity.
- 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.