

Part Number HSR-910W Contact Form A Switch Configuration SPST Rev. Q

### Form A High Voltage Switch

Features	Advantages
<ul style="list-style-type: none"> <li>Hermetically sealed contacts</li> <li>Switch materials are lead free and RoHS compliant</li> <li>Tungsten contacts in vacuum environment</li> <li>Voltage breakdown determined with maximum of 2µA leakage current</li> <li>Typical Drop-Out &lt; 55% of Pull-In</li> </ul>	<ul style="list-style-type: none"> <li>High voltage holdoff and switching ability</li> <li>Suitable for high current loads</li> <li>Extended operations in extreme environments</li> <li>Not ESD sensitive</li> </ul>

### Electrical Specifications

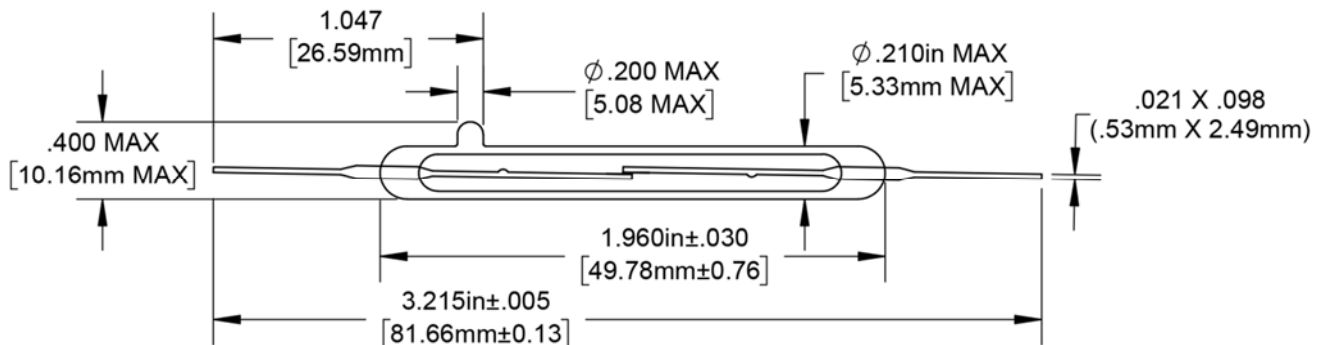
Power		Watts - maximum	50
Voltage (DC)	Pull-In Range (AT)	Breakdown Voltage (DC)	Switching Voltage (DC)
	60-125	7,000	4,000
	100-150	10,000	5,000
Current	Switching	Amp - maximum	3
	Carry	Amp - maximum	4.5
Resistance	Initial Contact Resistance	Ohm - maximum	0.10
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	1
Temperature	Operating	°C	-60 to +125
	Storage	°C	-100 to +200

### Magnetic Specifications

Pull - In Range		Ampere Turns	60 - 170
Test Coil		NARM RS-421-A	Coil III

### Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	1.22
Contact Material			Tungsten
Operate Time	Including Bounce	mSeconds - maximum	3.20
Release Time		mSeconds - maximum	1.50



#### 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 heron is for informational purposes only and should not be deemed as accurate for a specific