

Part Number **HSR-V933W** Contact Form **C** Switch Configuration **SPDT** Rev. **J**

**Very High Power SPDT Reed Switch**

Features	Advantages
<ul style="list-style-type: none"> <li>• Hermetically sealed contacts</li> <li>• Tungsten contacts in vacuum environment</li> <li>• AC rating: 120/240 VAC</li> <li>• Leaded glass currently exempted from RoHS requirements</li> <li>• UL recognized component</li> </ul>	<ul style="list-style-type: none"> <li>• Extended operations in extreme environments</li> <li>• Not ESD sensitive</li> <li>• Capable of switching power loads between 3 and 100 watts</li> <li>• Industry's lowest leakage current</li> <li>• High voltage isolation</li> </ul>

**Electrical Specifications**

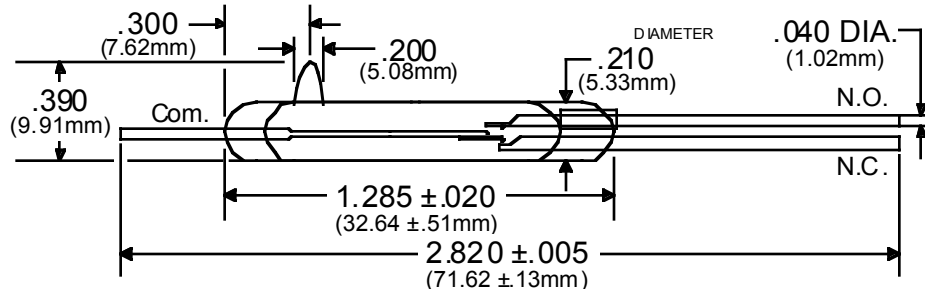
Power		Watts - maximum	100
Voltage	Switching	VDC - maximum	500
	Breakdown	VDC - minimum	1500
Current	Switching	Amp - maximum	3
	Carry	Amp - maximum	TBD
Resistance	Initial Contact Resistance	Ohm - maximum	0.50
	Insulation Resistance	Ohm - minimum	1 E10
Capacitance	Contact	pF - typical	3.0
Temperature	Operating	°C	-60 to +125
	Storage	°C	-100 to +200

**Magnetic Specifications**

Pull - In Range		Ampere Turns	40-100
Test Coil		NARM RS-421-A	Coil III

**Physical/Operational Specifications**

Capsule Volume	Excluding Leads	CC - nominal	0.73
Contact Material			Tungsten Bar and Plate
Operate Time	Including Bounce	mSeconds - maximum	4.20
Release Time	Including Bounce	mSeconds - maximum	3.70



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.

Part Number **HSR-V933W** Contact Form C Switch Configuration SPDT Rev. J

**Very High Power SPDT Reed Switch**

Features	Advantages
	<ul style="list-style-type: none"> <li>Available with 5KV holdoff: HSR-V936</li> </ul>

**Electrical Specifications**

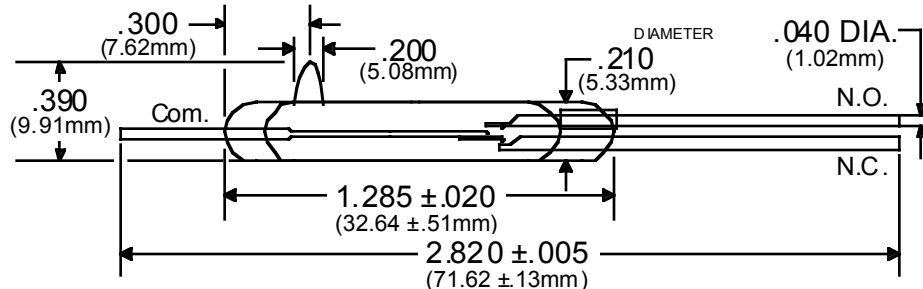
Power		Watts - maximum	100
Voltage	Switching	VDC - maximum	500
	Breakdown	VDC - minimum	1500
Current	Switching	Amp - maximum	3
	Carry	Amp - maximum	TBD
Resistance	Initial Contact Resistance	Ohm - maximum	0.50
	Insulation Resistance	Ohm - minimum	1 E10
Capacitance	Contact	pF - typical	3.0
Temperature	Operating	°C	-60 to +125
	Storage	°C	-100 to +200

**Magnetic Specifications**

Pull - In Range		Ampere Turns	40-100
Test Coil		NARM RS-421-A	Coil III

**Physical/Operational Specifications**

Capsule Volume	Excluding Leads	CC - nominal	0.73
Contact Material			Tungsten Bar and Plate
Operate Time	Including Bounce	mSeconds - maximum	4.20
Release Time	Including Bounce	mSeconds - maximum	3.70



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.