HSI SENSING
HERMETIC SWITCH INC.

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Part Number **HSR-907W** Contact Form A Switch Configuration SPST Rev. N

Form A High Power and High Voltage Switch

Features	Advantages
• Hermetically sealed contacts • Switch materials are lead free and RoHS compliant • Tungsten contacts in vacuum environment • Voltage breakdown determined with maximum of 5 µA leakage current	• High voltage holdoff and switching ability • Suitable for high current loads • Extended operations in extreme environments • Not ESD sensitive • Requires a 3W minimum load

Electrical Specifications

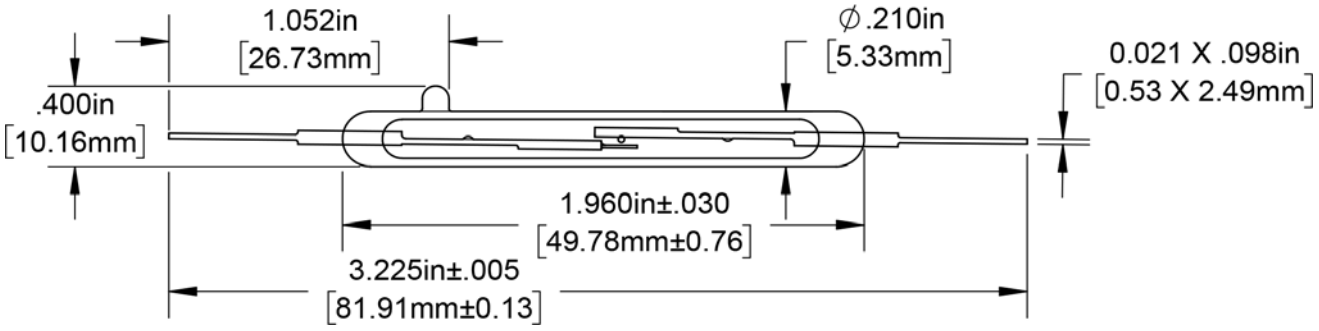
Power		Watts - maximum	200
Voltage (DC)	Pull-In Range (AT)	Breakdown Voltage (DC)	Switching Voltage (DC)
	90-120	8,000	7,000
	100-150	10,000	9,000
Current	Switching	Amp - maximum	3
	Carry	Amp - maximum	5.7
Resistance	Initial Contact Resistance	Ohm - maximum	0.50
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.8
Temperature	Operating	°C	-60 to +125
	Storage	°C	-100 to +200

Magnetic Specifications

Pull - In Range		Ampere Turns	90-150
Test Coil		NARM RS-421-A	Coil III

Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	1.22
Contact Material			Tungsten Bar and Plate
Operate Time	Including Bounce	mSeconds - maximum	5.80
Release Time		mSeconds - maximum	0.80



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 preformance, 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 application. Consult factory for specific application informations and/or latest revision.