

Part Number **HSR-790W** Contact Form A Switch Configuration SPST Rev. F
50W Power Rated Switch

Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed contacts • Switch materials are Lead free and RoHS compliant • Tungsten contacts in pressurized internal environment 	<ul style="list-style-type: none"> • Not ESD sensitive • Suitable for high/inductive current loads • Extended operations in extreme environments • Arc extinguishing atmosphere

Electrical Specifications

Power		Watts - maximum	50
Voltage	Switching	VDC - maximum	1000
	Breakdown	VDC - minimum	2500
Current	Switching	Amp - maximum	2.5
	Carry	Amp - maximum	5.5
Resistance	Initial Contact Resistance	Ohm - maximum	0.10
	Insulation Resistance	Ohm - minimum	1 E8
Capacitance	Contact	pF - typical	1.1
Temperature	Operating	°C	0 to +125
	Storage	°C	-40 to +200

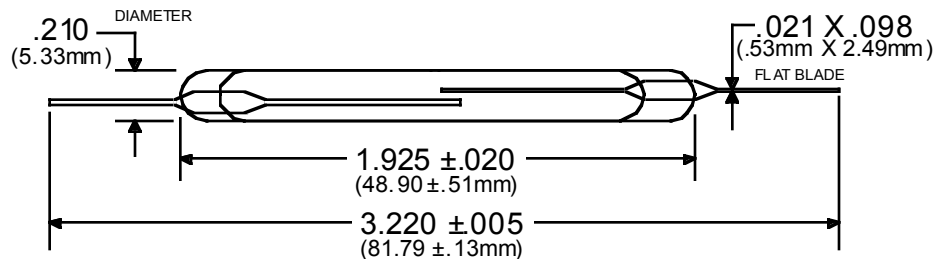
Magnetic Specifications

Pull - In Range		Ampere Turns	60-100
Test Coil		NARM RS-421-A	Coil IV

Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	1.09
Contact Material			Tungsten
Operate Time	Including Bounce	mSeconds - maximum	3.00
Release Time	Including Bounce	mSeconds - maximum	1.60

Glass contents under pressure. Eye protection required when handling.


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.