

Part Number HSR-042R Contact Form A Switch Configuration SPST Rev. D

Versatile Uses in Proximity Sensor Applications from an Industry Standard Size

Features	Advantages
<ul style="list-style-type: none"> Hermetically sealed contacts Offset gap construction Switch materials are Lead free and RoHS compliant 	<ul style="list-style-type: none"> Not ESD sensitive Outstanding performance in permanent magnet applications Extended operations in extreme environments

Electrical Specifications

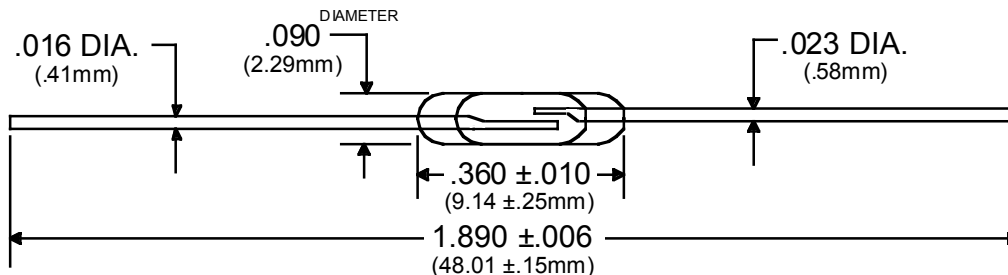
Power		Watts - maximum	4
Voltage	Switching	VDC - maximum	100
	Breakdown	VDC - minimum	200
Current	Switching		0.2
	Carry		2
Resistance	Initial Contact Resistance	Ohm - maximum	0.20
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.8
Temperature	Operating	°C	-40 to +125
	Storage	°C	-40 to +200

Magnetic Specifications

Pull - In Range		Ampere Turns	10-35
Test Coil		NARM RS-421-A	Coil I

Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	0.04
Contact Material			Rhodium
Operate Time	Including Bounce	mSeconds - maximum	0.60
Release Time		mSeconds - maximum	0.10



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 (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.