

Part Number **HSR-0025D-SM** Contact Form A Switch Configuration SPST Rev. F

World's Smallest and Most Sensitive Magnetically Operated Reed Switch

Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed contacts • Surface mountable • Maximum Size of .045 tall, .050 wide, .240 long • Oval shaped glass with .010 diameter leads • Switch materials are Lead free RoHS compliant 	<ul style="list-style-type: none"> • Extended operations in extreme environments • Not ESD sensitive • World's smallest reed switch • World's most magnetically sensitive reed switch • Pick-and-place capable • Hi-Rel version available

Electrical Specifications

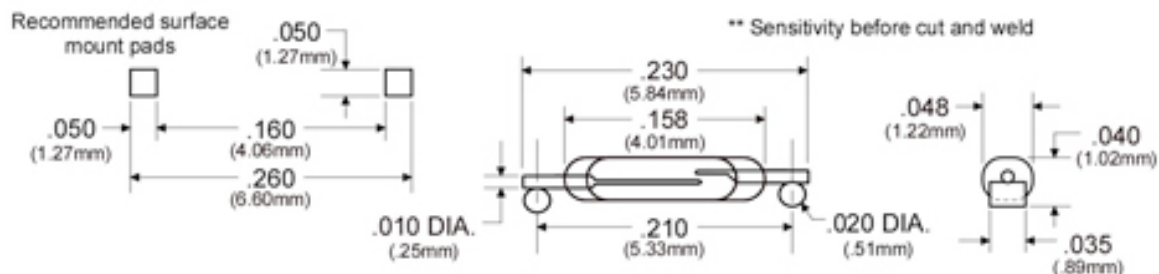
Power		Watts - maximum	0.25
Voltage	Switching	VDC - maximum	30
	Breakdown	VDC - minimum	80
Current	Switching	Amp - maximum	0.01
	Carry	Amp - maximum	TBD
Resistance	Initial Contact Resistance	Ohm - maximum	0.75
	Insulation Resistance	Ohm - minimum	1 E9
Capacitance	Contact	pF - typical	0.7
Temperature	Operating	°C	-40 to +125
	Storage	°C	-40 to +200

Magnetic Specifications

Pull - In Range		Ampere Turns	2-15**
Test Coil		NARM RS-421-A	Coil I

Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	0.0072
Contact Material			Durel
Operate Time	Including Bounce	mSeconds - maximum	0.30
Release Time	Including Bounce	mSeconds - maximum	0.20



- 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.
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