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Item Number HSR-077R Series Contact Form A Switch Configuration SPST Rev. H

#### Form A Micro Miniature Switch

Features	Advantages	
Hermetically sealed Rhodium contacts Materials are Lead free and RoHS compliant Offset gap construction	Extended operations in extreme environments Not ESD sensitive Exceptional performance in magnetic proximity applications	

# **Electrical Specifications**

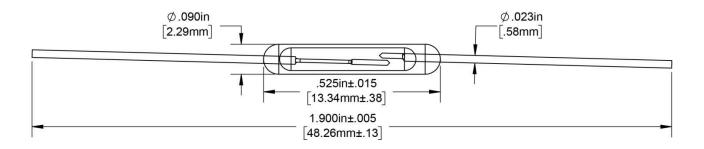
Power		Watts - maximum	7
Voltage	Switching	VDC - maximum	100
	Breakdown	VDC - minimum	250
Current	Switching	Amp - maximum	0.25
	Carry	Amp - maximum	1.8
Resistance	Initial Contact Resistance	Ohm - maximum	0.10
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	1.0
Temperature	Operating	°C	-40 to +125
	Storage	°C	-40 to +200

# **Magnetic Specifications**

Pull - In Range	Ampere Turns	10-40
Test Coil	NARM RS-421-A	Coil II

## **Physical/Operational Specifications**

Capsule Volume	Excluding Leads	CC - nominal	0.05
Contact Material			Rhodium
Operate Time	Including Bounce	mSeconds - maximum	1.00
Release Time		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 about performance, custom configurations, 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.