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Item Number\_HSR-150R Series Contact Form A Switch Configuration SPST Rev. F

#### Form A Standard Reed Switch

Features	Advantages	
<ul> <li>Hermetically sealed Rhodium contacts</li> <li>Materials are Lead free and RoHS compliant</li> <li>Offset gap construction</li> </ul>	Extended operations in extreme environments     Not ESD sensitive     Ideal for proximity sensors	

#### **Electrical Specifications**

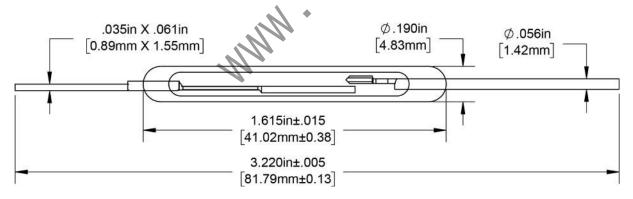
Power		Watts - maximum	25
Voltage	Switching	VDC - maximum	200
	Breakdown	VDC - minimum	500
Current	Switching	Amp - maximum	1.0
	Carry	Amp - maximum	6.5
Resistance	Initial Contact Resistance	Ohm - maximum	<b>2</b> 0.10
	Insulation Resistance	Ohm - minimum	1 E10
Capacitance	Contact	pF - typical	0.9
Temperature	Operating	°C	-40 to +125
	Storage	°C	-40 to +200

### **Magnetic Specifications**

Pull - In Range	Ampere Turns	40-80
Test Coil	NARM RS-421-A	Coil III

# **Physical/Operational Specifications**

Capsule Volume	Excluding Leads	CC - nominal	0.8
Contact Material			Rhodium
Operate Time	Including Bounce	mSeconds - maximum	3.00
Release Time		mSeconds - maximum	3.00



## 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.