

Part Number HSA-12115 Contact Form Latcher Switch Configuration SPDT Rev. B

### Unique Latching Reed Switch

Features	Advantages
<ul style="list-style-type: none"> <li>• Hermetically Sealed Contacts</li> <li>• Magnetically balanced with latching capability</li> <li>• High Power: 3 Amp 75W or VA @ .1 Hz Max., Life 30,000 + Cycles</li> <li>• Low Power: 1 Amp 25W or VA @ 1 Hz Max., Life 1,000,000 + Cycles</li> </ul>	<ul style="list-style-type: none"> <li>• Extended operations in extreme environments</li> <li>• Not ESD Sensitive</li> <li>• Rated for 120 VAC</li> <li>• Amperage ratings for DC or AC RMS</li> <li>• RoHS compliant</li> </ul>

### Electrical Specifications

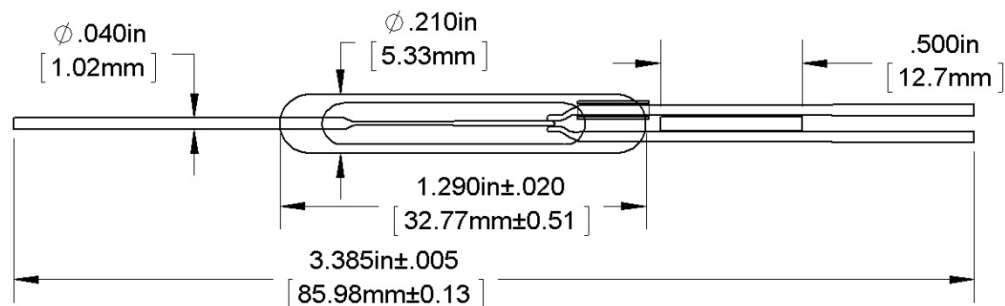
Power		Watts - maximum	50
Voltage	Switching	VDC - maximum	150
	Breakdown	VDC - minimum	350
Current	Switching	Amp - maximum	2
	Carry	Amp - maximum	6.5
Resistance	Initial Contact Resistance	Ohm - maximum	0.15
	Insulation Resistance	Ohm - minimum	1 E9
Capacitance	Contact	pF - typical	4.0
Temperature	Operating	°C - maximum	-40 to +125
	Storage	°C	-40 to +200

### Magnetic Specifications

Pull - In Range		Ampere Turns	20-50
Test Coil		NARM RS-421-A	Coil III

### Physical/Operational Specification

Capsule Volume	Excluding Leads	CC - nominal	0.73
External Connection			Rhodium
Must Operate	Including Bounce	mSeconds - maximum	N/A
Must Release		mSeconds - maximum	N/A



#### 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 version.
- (5) External magnetic field of proper polarity latches common reed to one of the outputs. Common reed transfers and latches to the other output under external magnetic field of opposite polarity.