

Part Number HSR-003D Contact Form A Switch Configuration SPST Rev. H

20+ Year History in Medical Applications

Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed contacts • .055 height profile • .010 lead diameter • Switch materials are Lead free and RoHS compliant • Optimal glass size to wire ratio 	<ul style="list-style-type: none"> • Extended operations in extreme environments • Not ESD sensitive • Proven reliability • Tens of millions in service • Hi-Rel version available • Excellent historical performance

Electrical Specifications

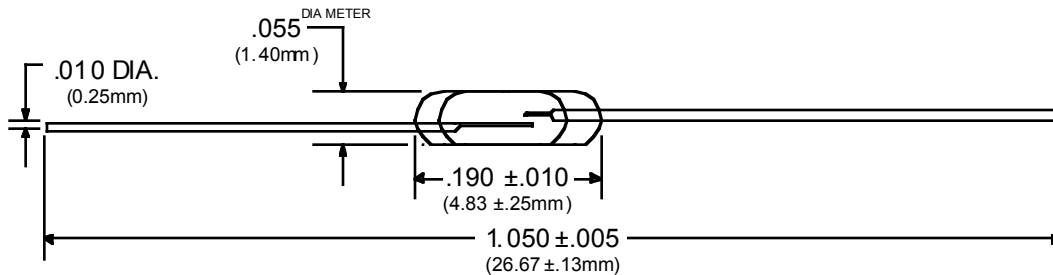
Power		Watts - maximum	1
Voltage	Switching	VDC - maximum	30
	Breakdown	VDC - minimum	200
Current	Switching	Amp - maximum	0.05
	Carry	Amp - maximum	1
Resistance	Initial Contact Resistance	Ohm - maximum	0.50
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.3
Temperature	Operating	°C	-40 to +125
	Storage	°C	-40 to +200

Magnetic Specifications

Pull - In Range		Ampere Turns	4-20
Test Coil		NARM RS-421-A	Coil I

Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	0.0074
Contact Material			Durel
Operate Time	Including Bounce	mSeconds - maximum	0.20
Release Time	Including Bounce	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 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.