

Part Number **HSR-190R** Contact Form A Switch Configuration SPST Rev. E
Standard Large Form A Switch

Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed contacts • Leaded glass currently exempted from RoHS requirements • UL Recognized component 	<ul style="list-style-type: none"> • Extended operations in extreme environments • Not ESD sensitive • Excellent historical performance

Electrical Specifications

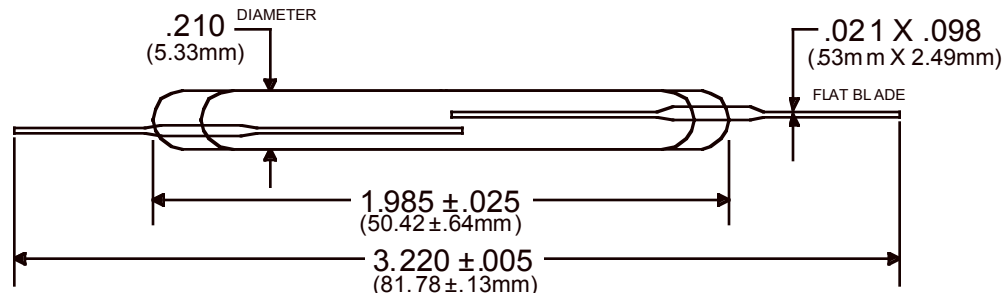
Power		Watts - maximum	25
Voltage	Switching	VDC - maximum	250
	Breakdown	VDC - minimum	700
Current	Switching	Amp - maximum	1
	Carry	Amp - maximum	8
Resistance	Initial Contact Resistance	Ohm - maximum	0.10
	Insulation Resistance	Ohm - minimum	1 E10
Capacitance	Contact	pF - typical	1.1
Temperature	Operating	°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 IV

Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	1.13
Contact Material			Rhodium
Operate Time	Including Bounce	mSeconds - maximum	2.50
Release Time	Including Bounce	mSeconds - maximum	2.00


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 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.