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Item Number\_HSR-196W Series Contact Form A

Switch Configuration <u>SPST</u> Rev. <u>G</u>

Form A High Power Reed Switch			
Features	Advantages		
<ul> <li>Hermetically sealed Tungsten contacts</li> <li>Materials are Lead free and RoHS compliant</li> <li>Industry standard size</li> </ul>	<ul> <li>Extended operations in extreme environments</li> <li>Not ESD sensitive</li> <li>Ideal for reed relays</li> </ul>		
	Suitable for high current loads		

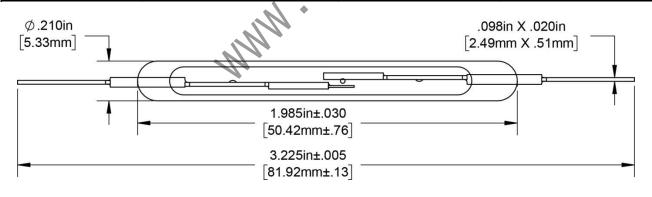
## **Electrical Specifications**

Power		Watts - maximum	100
Voltage	Switching	VDC - maximum	120
	Breakdown	VDC - minimum	600
Current	Switching	Amp - maximum	3.0
	Carry	Amp - maximum	4.7
Resistance	Initial Contact Resistance	Ohm - maximum	0.50
	Insulation Resistance	Ohm - minimum	1 E10
Capacitance	Contact	pF - typical	1.4
Temperature	Operating	°0-	-40 to +125
	Storage	°C +	-40 to +200

Magnetic S	pecifications	

Pull - In Range		Ampere Turns	50-100	
Test Coil	$\sim$	NARM RS-421-A	Coil IV	
Physical/Operational Specifications				

Thysical/operational operations				
Capsule Volume	Excluding Leads	CC - nomi	nal	1.13
Contact Material				Tungsten
Operate Time	Including Bounce	mSeconds	s - maximum	3.20
Release Time		mSeconds	s - maximum	1.20



## Notes:

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(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.