

Item Number PRX+2410 Series Contact Form A Switch Configuration SPST Rev. B

### World's Smallest and Most Magnetically Overmolded Reed Switch

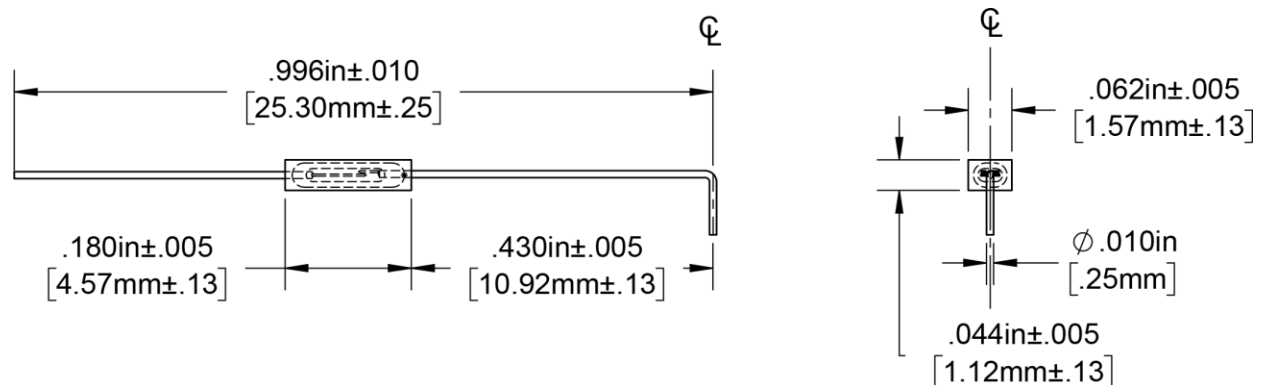
Features	Advantages
<ul style="list-style-type: none"> <li>• Hermetically sealed Rhodium contacts</li> <li>• No electrical power required to operate</li> <li>• Plaskon S-7 overmold material</li> <li>• Materials are Lead free and RoHS compliant</li> </ul>	<ul style="list-style-type: none"> <li>• Pick and place capabilities</li> <li>• Medical implantable grade available</li> <li>• Hi-Rel versions available</li> <li>• Not ESD sensitive</li> </ul>

### Electrical Specifications

Power		Watts - maximum	0.5
Voltage	Switching	VDC - maximum	30
	Breakdown	VDC - minimum	80
Current	Switching	Amp - maximum	0.01
	Carry	Amp - maximum	0.7
Resistance	Initial Contact Resistance	Ohm - maximum	0.75
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.7
Temperature	Operating	°C - maximum	-40 to +125
	Storage	°C	-40 to +200

### Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	0.007
External Connection		Alloy 52 Leads	Tin
Initial Switch Pull-In		Ampere Turns	2-13
		NARM RS-421-A	Coil 1
Operate Time	Including Bounce	mSeconds - maximum	0.30
Release Time		mSeconds - maximum	0.20



#### Notes:

- (1) The Pull-In range listed is the initial, pre-modification specification.
- (2) Customer must exercise care in handling and mounting to prevent damage to internal components and subsequent changes to sensor performance.
- (3) The overmold is to facilitate handling for pick and place operations. The surface finish and texture may vary, small voids are acceptable.