

Item Number PRX+2430 Series Contact Form A Switch Configuration SPST Rev. C

Form A Micro Miniature Surface Mount Proximity Sensor

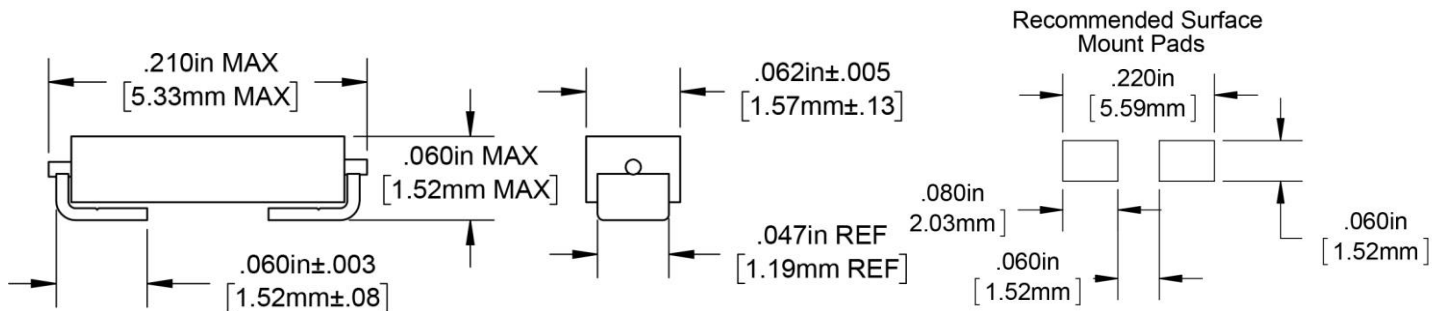
Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed Rhodium contacts • Plaskon S-7 overmold material • Gold plated solder pads • Materials are Lead free and RoHS compliant 	<ul style="list-style-type: none"> • Pick and place capabilities • Medical implantable grade available • Custom sensitivities available • Not ESD sensitive

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	Contact Resistance	Ohm - maximum	1.0
	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	.007
External Connection		Alloy 52 J Tab	Gold Plated
Must Operate	Field Strength	mT - maximum	3.5
Must Release	Field Strength	mT - minimum	.75
Operate Time	Including Bounce	mSeconds - maximum	0.30
Release Time		mSeconds - maximum	0.20



Notes:

- (1) Customer must exercise care in handling and mounting to prevent damage to internal components and subsequent changes to sensor performance.
- (2) For information about performance, custom configurations, mounting options, or packaging contact our Sales department.
- (3) The overmold is to facilitate handling for pick and place operations. The surface finish and texture may vary (small voids are acceptable).
- (4) Sensitivity may change with series I.D.

Example: PRX+2430-0001
 Must Operate: 2.50 mT
 Must Release: 0.50 mT