

Item Number PRX+2110 Series Contact Form A Switch Configuration SPST Rev. B

Micro Miniature Pick and Place Proximity Sensor

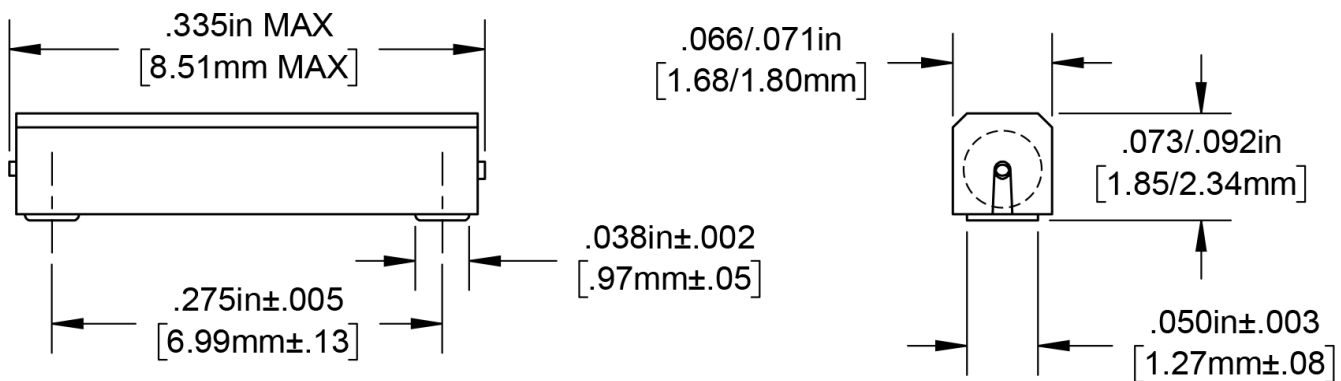
Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed Rhodium contacts • Materials are Lead free and RoHS compliant • No electrical power required to operate • Custom sensitivities available 	<ul style="list-style-type: none"> • Pick and place capabilities • Hi-Rel versions available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

Electrical Specifications

Power		Watts - maximum	1
Voltage	Switching	VDC - maximum	30
	Breakdown	VDC - minimum	200
Current	Switching	Amp - maximum	0.05
	Carry	Amp - maximum	1.0
Resistance	Initial Contact Resistance	Ohm - maximum	1.0
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.3
Temperature	Operating	°C - maximum	-40 to +125
	Storage	°C	-40 to +200

Physical/Operational Specifications

Housing Volume	Excluding Connection	CC - nominal	0.028
External Connection		Trilobular Bars	Gold
Must Operate	Field Strength	mT	2.8
Must Release	Field Strength	mT	0.5
Operate Time	Including Bounce	mSeconds - maximum	0.20
Release Time		mSeconds - maximum	0.10



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, mounting options, custom configurations (e.g. wire length or color, connectors, operational variation) or packaging contact our Sales department.
- (3) Information contained hereon is for informational purposes only and should not be deemed as accurate for a specific