

Part Number HSA-12114 Contact Form B Switch Configuration SPST Rev. A

Form B Reed Switch Assembly

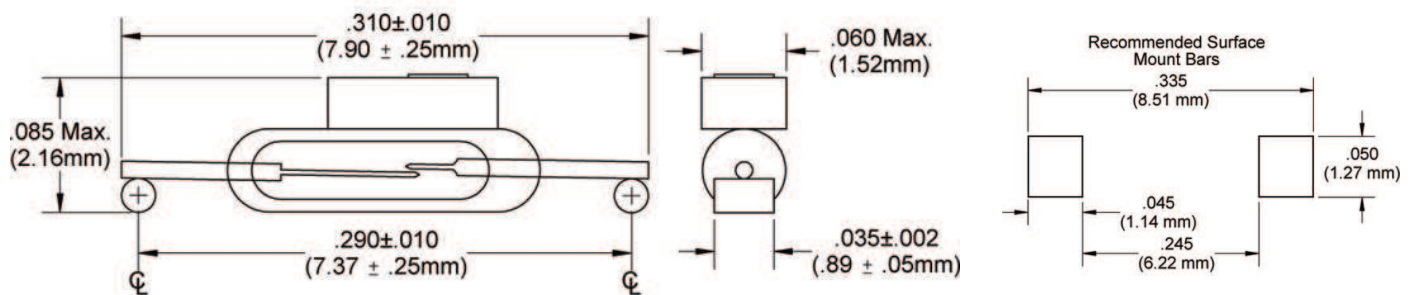
Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed rhodium contacts • Sensor material are lead free and RoHS compliant • No electrical power required to operate • Lowest profile magnetic contact sensor • SPST Normally Closed Contact (Form B) • Polarity Orientation required to operate 	<ul style="list-style-type: none"> • Extended operations in extreme environments • Not ESD sensitive • Hi-Rel version available • External Gold plating available

Electrical Specifications

Power		Watts - maximum	0.5
Voltage	Switching	VDC - maximum	30
	Breakdown	VDC - minimum	100
Current	Switching	Amp - maximum	0.02
	Carry	Amp - maximum	0.2
Resistance	Initial Contact Resistance	Ohm - maximum	0.75
	Insulation Resistance	Ohm - minimum	1 E11
Capacitance	Contact	pF - typical	0.2
Temperature	Operating	°C - maximum	-40 to +125
	Storage	°C	-40 to +200

Physical/Operational Specifications

Assembly Volume	Excluding Connection	CC - nominal	0.015
External Connection		Alloy 52 Bars	Tin Plated
Must Operate	Field Strength	mT - maximum	3.00**
Must Release	Field Strength	mT - minimum	1.00
Operate Time	Including Bounce	mSeconds - maximum	0.2
Release Time		mSeconds - maximum	0.1



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 configuration (i.e. 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 application. Consult factory for specific application information and/or latest revision.