REED SWITCH DEVELOPMENTS CORP.
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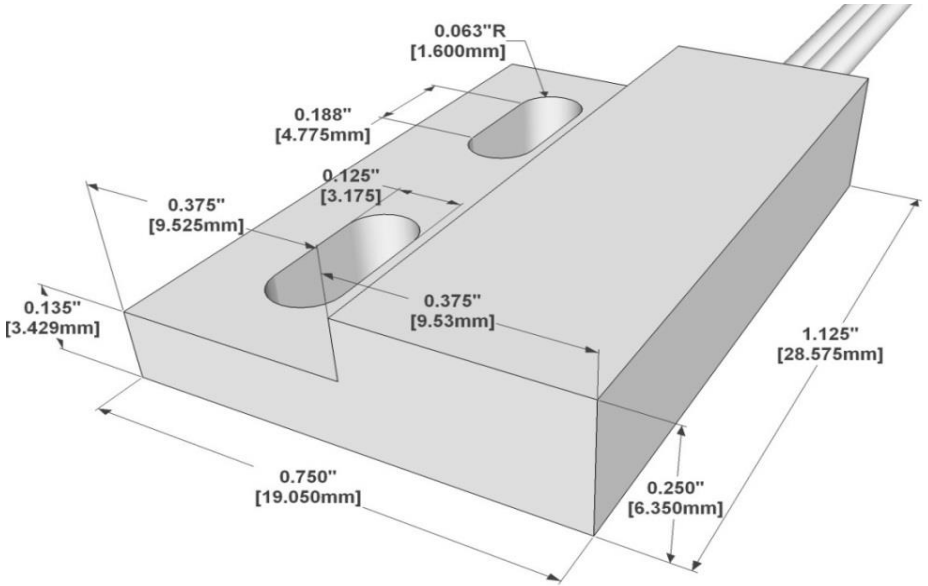
SPECIFICATION SHEET

Assembly Part Number:
2005-1900-100



Reed Specifications

Physical	Configuration*	SPDT	
	Form*	C	
	Contact Position	OFFSET	
	Glass L	14.00	mm
	Glass D	2.30	mm
	Total L*	55.00	mm
	Wire D	0.53	mm
	Gap Location		
	Mount Spec*	THRU	
	Contact Material	RHODIUM	
	Max Vibration Resistance	20	G
	Max Shock Resistance (11ms)	50	G
	Lead Tensile Strength	N/A	KG
Operating	Pull in (+/- 2AT)*	20 - 25	AT
	Drop out*	5	AT
	Operate Time	2.0	ms
	Bounce Time	0.60	ms
	Release Time	0.50	ms
	Resonant Frequency	N/A	Hz
	Max Operating Frequency	250	Hz
	Operating Temperature Range	-40 - 105	°C
	Storage Temperature	N/A	°C
Electrical	DC Contact Rating	20	W
	AC Contact Rating	20	VA
	DC Switching Voltage	150	VDC
	AC Switching Voltage	150	VAC
	DC Switching Current	1.00	A
	AC Switching Current	1.00	A
	DC Max Carry Current	2.00	A
	AC Max Carry Current	2.00	A
	Min Breakdown Voltage	200	VDC
	Max Initial Contact Resistance	150	mOhm
	Typical Initial Contact Resistance	N/A	mOhm
	Max Contact Capacitance	0.80	pF
	Min Insulation Resistance	10^9	Ohm

* Pre-processed, bare reed element

Assembly Characteristics

Housing	2005
Housing Material	CELANEX 3316
Reed	1900
Configuration	SPDT
Form	C

Wire/Cable Characteristics

Type	WIRES	
Length	6.0/152.4	in/mm
Conductor Count	3	
Colors	RED, BLK, WHT	
Insulation Material & Description	PVC	
Gauge	24	AWG
Stranded Copper	7	STR
Maximum temperature	105	°C

Standard Actuator/Minimum Make Distance

2005-4000-000 - Alnico 5 - Cylinder	.13/3.30	in/mm

Assembly Certifications

UL RECOGNIZED (File #: E102207)	Y	
RoHS	Y	

For More Information Visit:
www.reedswitchdevelopments.com
Or Call Us At:
262-883-9060