



REED SWITCH DEVELOPMENTS CORP.

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SPECIFICATION SHEET

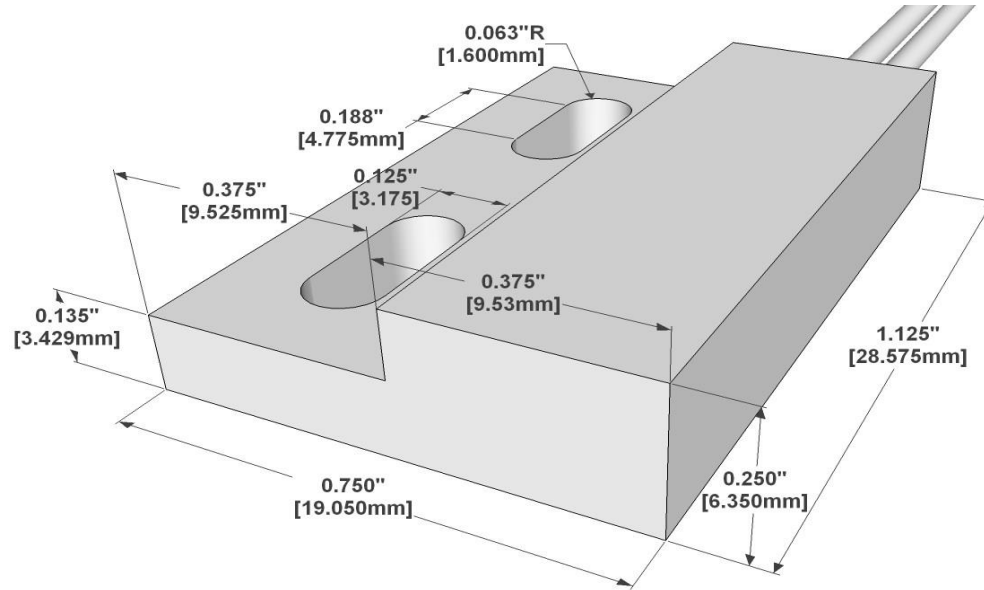
Assembly Part Number:

2005-1965-100

Reed Specifications

Physical	Configuration*	SPST	
	Form*	A	
	Contact Position	CENTER	
	Glass L	19.00	mm
	Glass D	2.60	mm
	Total L*	55.00	mm
	Wire D	0.70	mm
	Gap Location	CENTER	
	Mount Spec*	THRU	
	Contact Material	RHODIUM	
	Max Vibration Resistance	35	G
	Max Shock Resistance (11ms)	50	G
	Lead Tensile Strength	N/A	KG
Operating	Pull in (+/- 2AT)*	20 - 25	AT
	Drop out*	15	AT
	Operate Time	2.00	ms
	Bounce Time	0.50	ms
	Release Time	0.10	ms
	Resonant Frequency	4200	Hz
	Max Operating Frequency	300	Hz
	Operating Temperature Range	-40 - 105	°C
	Storage Temperature	N/A	°C
	DC Contact Rating	40	W
Electrical	AC Contact Rating	40	VA
	DC Switching Voltage	400	VDC
	AC Switching Voltage	400	VAC
	DC Switching Current	2.00	A
	AC Switching Current	2.00	A
	DC Max Carry Current	3.00	A
	AC Max Carry Current	3.00	A
	Min Breakdown Voltage	1000	VDC
	Max Initial Contact Resistance	80	mOhm
	Typical Initial Contact Resistance	N/A	mOhm
	Max Contact Capacitance	0.50	pF
	Min Insulation Resistance	10 ¹¹	Ohm

* Pre-processed, bare reed element



Assembly Characteristics

Housing	2005
Housing Material	CELANEX 3316
Reed	1965
Configuration	SPST
Form	A

Wire/Cable Characteristics

Type	WIRE	
Length	6.0/152.4	in/mm
Conductor Count	2	
Colors	BLK	
Insulation Material & Description	PVC	
Gauge	24	AWG
Stranded Copper	7	STR-TC
Maximum temperature	105	°C

Standard Actuator/Minimum Make Distance

2005-4000-000 - Alnico 5 - Cylinder	.19/4.8	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

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