



REED SWITCH DEVELOPMENTS CORP.

2524 Norwood Court
Racine, WI 53403

Ph: (262)883-9060

sales@reedswitchdevelopments.com

SPECIFICATION SHEET

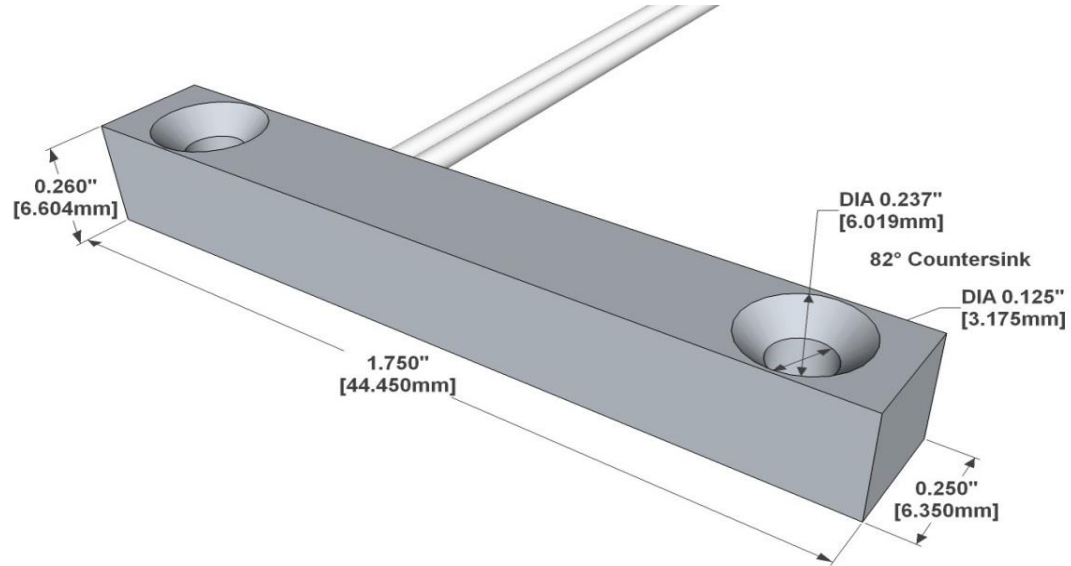
Assembly Part Number:

2010-1051-100

Reed Specifications

Physical	Configuration*	SPST	
	Form*	A	
	Contact Position	CENTER	
	Glass L	14.50	mm
	Glass D	2.54	mm
	Total L*	46.00	mm
	Wire D	0.60	mm
	Gap Location	CENTER	
	Mount Spec*	THRU	
	Contact Material	RUTHENIUM	
	Max Vibration Resistance	10	G
	Max Shock Resistance	150	G
	Lead Tensile Strength	N/A	KG
Operating	Pull in (+/- 2AT)*	15 - 23	AT
	Drop out*	7.5-17.5	AT
	Operate Time	0.10	ms
	Bounce Time	0.15	ms
	Release Time	30	µs
	Resonant Frequency	5100	Hz
	Max Operating Frequency	N/A	Hz
	Operating Temperature Range	-55 - 105	°C
	Storage Temperature	N/A	°C
	DC Contact Rating	15	W
Electrical	AC Contact Rating	N/A	VA
	DC Switching Voltage	200	VDC
	AC Switching Voltage	140	VAC
	DC Switching Current	1.00	A
	AC Switching Current	1.00	A
	DC Max Carry Current	1.75	A
	AC Max Carry Current	1.75	A
	Min Breakdown Voltage	275	VDC
	Max Initial Contact Resistance	100	mOhm
	Typical Initial Contact Resistance	70	mOhm
	Max Contact Capacitance	0.30	pF
	Min Insulation Resistance	10 ⁶	Ohm

* Pre-processed, bare reed element



Assembly Characteristics

Housing	2010
Housing Material	CELANEX 3316
Reed	1051
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

2010-4002-000 - Alnico 5 - Cylinder	.44/11.18	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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