REED SWITCH DEVELOPMENTS CORP.
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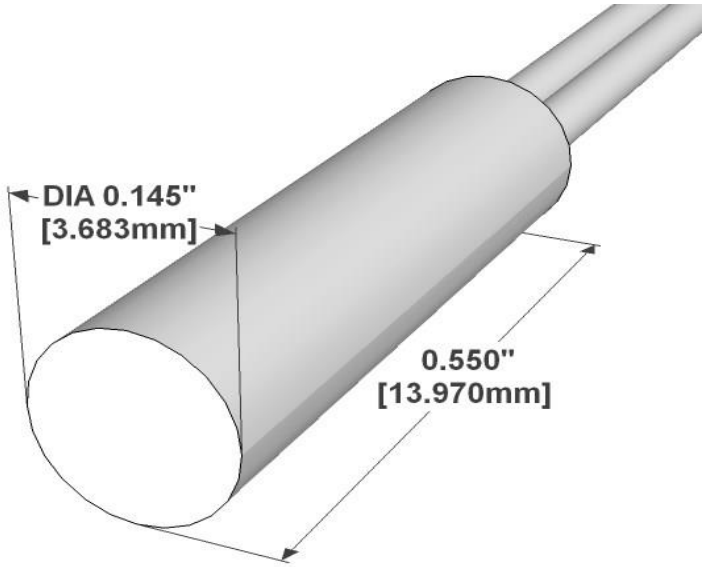
SPECIFICATION SHEET

Assembly Part Number:

2105-1090-600



Reed Specifications

Physical	Configuration*	SPST	
	Form*	A	
	Contact Position	CENTER	
	Glass L	7.00	mm
	Glass D	1.80	mm
	Total L*	46.00	mm
	Wire D	0.45	mm
	Gap Location	CENTER	
	Mount Spec*	THRU	
	Contact Material	RUTHENIUM	
	Max Vibration Resistance	10	G
	Max Shock Resistance (11ms)	100	G
	Lead Tensile Strength	N/A	KG
	Pull in (+/- 2AT)*	7 - 12	AT
Operating	Drop out*	3 - 16	AT
	Operate Time	0.115	ms
	Bounce Time	0.035	ms
	Release Time	0.035	ms
	Resonant Frequency	17900	Hz
	Max Operating Frequency	N/A	Hz
	Operating Temperature Range	-55 - 105	°C
	Storage Temperature	N/A	°C
	DC Contact Rating	10	W
	AC Contact Rating	N/A	VA
Electrical	DC Switching Voltage	170	VDC
	AC Switching Voltage	120	VAC
	DC Switching Current	0.500	A
	AC Switching Current	0.500	A
	DC Max Carry Current	0.500	A
	AC Max Carry Current	0.500	A
	Min Breakdown Voltage	210	VDC
	Max Initial Contact Resistance	150	mOhm
	Typical Initial Contact Resistance	120	mOhm
	Max Contact Capacitance	0.350	pF
	Min Insulation Resistance	10^6	Ohm

* Pre-processed, bare reed element

Assembly Characteristics

Housing	2105
Housing Material	Celanex 3316
Reed	1091
Configuration	SPST
Form	A

Wire/Cable Characteristics

Type	Wire	
Length	6.0/152.4	in/mm
Conductor Count	2	
Colors	YEL	
Insulation Material & Description	TFE	
Gauge	24	AWG
Stranded Copper	19	STR
Maximum temperature	105	°C

Standard Actuator/Minimum Make Distance

2110-4902-000 - NEO 30 - Cylinder	.06/1.5	in/mm

Assembly Certifications

UL Recognized	N	
RoHS	Y	

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