REED SWITCH DEVELOPMENTS CORP.

SPECIFICATION SHEET

Assembly Part Number:



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Reed Specifications

Configuration* SPST	Reed Specifications						
Contact Position CENTER			SPST				
Glass L 14.50 mm		Form*	Α				
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 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 N/A Hz Operating Temperature Range -55 - 105 °C Storage Temperature N/A °C DC Contact Rating 15 W AC Contact Rating N/A VA DC Switching Voltage 200 VDC AC Switching Current 1.00 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		Contact Position	CEN	TER			
Total L*		Glass L	14.50	mm			
Wire D Gap Location Mount Spec* Contact Material Max Vibration Resistance Lead Tensile Strength Pull in (+/- 2AT)* Drop out* Operate Time Bounce Time Resonant Frequency Max Operating Frequency Operating Temperature Range Storage Temperature AC Contact Rating DC Switching Voltage AC Switching Current AC Switching Current Min Breakdown Voltage Max Initial Contact Resistance Typical Initial Contact Resistance ThRU RUTHENIUM		Glass D	2.54	mm			
Mount Spec* Contact Material Max Vibration Resistance Max Shock Resistance Lead Tensile Strength Pull in (+/- 2AT)* Drop out* Operate Time Bounce Time Resonant Frequency Max Operating Frequency Operating Temperature Range Storage Temperature DC Contact Rating DC Switching Voltage AC Switching Current AC Max Carry Current Min Breakdown Voltage Max Initial Contact Resistance Typical Initial Contact Resistance To G Max Operating Temperature RUTHENIUM RUT	cal	Total L*	46.00	mm			
Mount Spec* Contact Material Max Vibration Resistance Max Shock Resistance Lead Tensile Strength Pull in (+/- 2AT)* Drop out* Operate Time Bounce Time Resonant Frequency Max Operating Frequency Operating Temperature Range Storage Temperature DC Contact Rating DC Switching Voltage AC Switching Current AC Max Carry Current Min Breakdown Voltage Max Initial Contact Resistance Typical Initial Contact Resistance To G Max Operating Temperature RUTHENIUM RUT	ysi	Wire D	0.60	mm			
Contact Material RUTHENIUM Max Vibration Resistance 10 G Max Shock Resistance 150 G Lead Tensile Strength N/A KG Pull in (+/- 2AT)* 15 - 23 AT Drop out* 7.5-17.5 AT Operate Time 0.10 ms Bounce Time 30 µs 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 AC Contact Rating N/A VA DC Switching Voltage 200 VDC AC Switching Current 1.00 A AC Switching Current 1.00 A AC Max Carry Current 1.75 A Min Breakdown Voltage 275 VDC Max Initial Contact Resistance 70 mOhm	Ph	Gap Location	CENTER				
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Lead Tensile Strength		Max Vibration Resistance	10	G			
Pull in (+/- 2AT)* 15 - 23 AT		Max Shock Resistance	150	G			
Drop out* Operate Time Bounce Time Bounce Time Release Time Resonant Frequency Max Operating Frequency Storage Temperature Range AC Contact Rating DC Switching Voltage DC Switching Current AC Switching Current AC Switching Current AC Max Carry Current Min Breakdown Voltage Typical Initial Contact Resistance 70 Mrs		Lead Tensile Strength	N/A	KG			
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Max Operating Frequency Operating Temperature Range Storage Temperature DC Contact Rating AC Contact Rating DC Switching Voltage AC Switching Voltage DC Switching Current AC Switching Current AC Switching Current AC Switching Current DC Max Carry Current AC Max Carry Current Min Breakdown Voltage Typical Initial Contact Resistance N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	gbe	Resonant Frequency	5100	Hz			
Operating Temperature Range Storage Temperature N/A C DC Contact Rating AC Contact Rating N/A DC Switching Voltage AC Switching Voltage DC Switching Current AC Switching Current AC Switching Current AC Switching Current 1.00 A AC Switching Current 1.75 A AC Max Carry Current Min Breakdown Voltage Max Initial Contact Resistance Typical Initial Contact Resistance N/A VA VA VA 1.75 A 1.75 A VDC Max Initial Contact Resistance TO mOhm	•		N/A	Hz			
DC Contact Rating 15 W 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 Min Breakdown Voltage 275 VDC Max Initial Contact Resistance 100 mOhm Typical Initial Contact Resistance 70 mOhm			-55 - 105	°C			
DC Contact Rating 15 W 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 Min Breakdown Voltage 275 VDC Max Initial Contact Resistance 100 mOhm Typical Initial Contact Resistance 70 mOhm		Storage Temperature	N/A	°C			
DC Switching Voltage 200 VDC AC Switching Voltage 140 VAC DC Switching Current 1.00 A AC Switching 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			15	W			
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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		DC Switching Voltage	200	VDC			
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		AC Switching Voltage	140	VAC			
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			1.00	Α			
Min Breakdown Voltage275VDCMax Initial Contact Resistance100mOhmTypical Initial Contact Resistance70mOhm	cal		1.00	Α			
Min Breakdown Voltage275VDCMax Initial Contact Resistance100mOhmTypical Initial Contact Resistance70mOhm	ctri	DC Max Carry Current	1.75	А			
Min Breakdown Voltage275VDCMax Initial Contact Resistance100mOhmTypical Initial Contact Resistance70mOhm	Elec	·	1.75	А			
Typical Initial Contact Resistance 70 mOhm			275	VDC			
71		Max Initial Contact Resistance	100	mOhm			
Max Contact Capacitance 0.30 pF		Typical Initial Contact Resistance	70	mOhm			
		Max Contact Capacitance	0.30	pF			
Min Insulation Resistance 10^6 Ohm				Ohm			

^{*} Pre-processed, bare reed element

DIA 0.313" [7.950mm] 5/16 - 24 THREAD 1.500" [38.100mm]

Assembly Characteristics

Housing	2250	
Housing Material	CELANEX 3316	
Reed	1051	
Configuration	SPST	
Form	A	

Wire/Cable Characteristics

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

Standard Actuator/Minimum Make Distance

2250-4002-000 - Alnico 5 - Cylinder	.13/3.3	in/mm			
Assembly Certifications					
UL RECOGNIZED (File #: E102207)	Υ				
RoHS	Υ				

For More Information Visit:

www.reedswitchdevelopments.com

Or Call Us At: 262-883-9060

IT SHALL BE THE RESPONSIBILITY OF THE BUYER TO ENSURE THAT THE GOODS ARE SUFFICIENT AND SUITABLE FOR THE PURPOSE OR PURPOSES INTENDED (WHETHER BY THE BUYER OR BY ANY THIRD PARTY) AND THAT THEIR CAPACITY AND PERFORMANCE IS NOT ADVERSELY AFFECTED BY ANY ITEMS USED IN THEIR INSTALLATION (WHERE RELEVANT) AND/OR IN CONNECTION WITH THEM.