REED SWITCH DEVELOPMENTS CORP.

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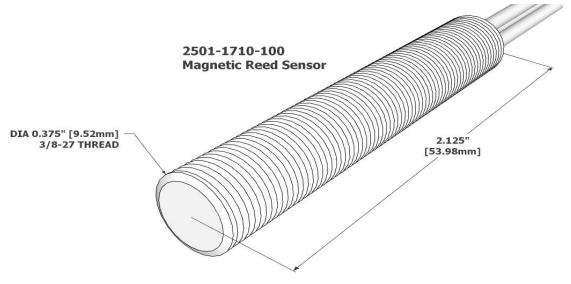
	Sensor (Reed) - Specifications	17	10
al	Configuration	SPI	
	Form		:
	Contact Position	OFFSET	
	Glass L	32.89	mm
	Glass D	5.33	mm
	Total L*	85.98	mm
Physical	Wire D	1.02	mm
P _r	Gap Location	OFF	SET
	Mount Spec*	THRU	
	Contact Material	TUNGSTEN	
	Max Vibration Resistance	N/A	G
	Max Shock Resistance (11ms)	N/A	G
	Lead Tensile Strength	N/A	KG
	Pull in (+/- 2AT)*	50 - 65	AT
	Drop out*	N/A	AT
	Operate Time	4.00	ms
l ë	Bounce Time	N/A	ms
Operating	Release Time	3.90	ms
၂နှံ	Resonant Frequency	N/A	Hz
	Max Operating Frequency	N/A	Hz
	Operating Temperature Range	-40 - 105	
	Storage Temperature	N/A	°C
	DC Contact Rating	100	W
Electrical	AC Contact Rating	N/A	VA
	DC Switching Voltage	120	VDC
	AC Switching Voltage	85	VAC
	DC Switching Current	3.00	Α
	AC Switching Current	3.00	Α
	DC Max Carry Current	3.60	Α
믑	AC Max Carry Current	3.60	Α
	Min Breakdown Voltage	150	VDC
	Max Initial Contact Resistance	500	mOhm
	Typical Initial Contact Resistance	N/A	mOhm
	Max Contact Capacitance	1.60	pF
	Min Insulation Resistance	10^10	Ohm

SPECIFICATION SHEET

2501-1710-100

Alternate Part Number: AM2501-1710-10-01

Active / Equivalent Part Numbers: 2501-1710-100 - Magnetic Reed Sensor Only AM2501-1710-10-01 - Magnetic Reed Sensor Only



All measurements are in Inches [millimeters]

Sensor - Wire/Cable Characteristics (cont.)

Туре	Wire
Conductor Count	3
Length	18.0"/457.2mm
Colors	RED, BLK, WHT
Insulation Material	PVC
Gauge	22 AWG
Stranded Copper	7 STR
Maximum Temp	105°C

Housing Characteristics	2501

Cylindrical Threaded 3/8-27)		
Length / Thickness	2.125"/53.98mm	
Diameter	0.375"/9.53mm	
Material	Aluminum	

For More Information Visit:

www.reedswitchdevelopments.com

Or Call Us At: 262-883-9060

Conductor Configuration

	Common - WHITE	
Normally Clased (NC) DLACK	Normally Open (NO) - RED	
Normally Closed (NC) - BLACK	Normally Closed (NC) - BLACK	

Standard Sensor/Actuator - Min. Actuation Distance

2501-4932-100	0.31"/7.9mm	
Assembly Certifications		
UL Recognized (File #: E102207)	Υ	
RoHS / Reach Compliant	Υ	
Conflict Free Material	Υ	

REV DATE: 10/06/2021

^{*} Pre-processed, bare reed element DISCLAIMER NOTICE: INFORMATION FURNISHED IS PROPRIETARY, AND IS BELIEVED TO BE ACCURATE AND RELIABLE, AND IS SUBJECT TO CHANGE WITHOUT NOTICE. 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.