REED SWITCH DEVELOPMENTS CORP. 2524 Norwood Court

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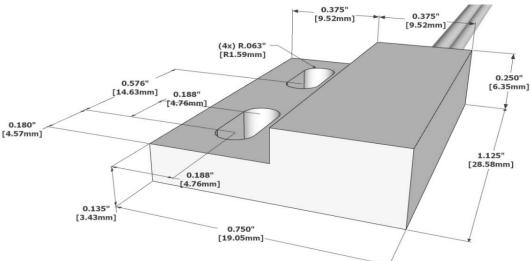
	Sensor (Reed) - Specifications	19	01
Physical	Configuration	SPDT	
	Form	С	
	Contact Position	OFFSET	
	Glass L	14.00	mm
	Glass D	2.30	mm
	Total L*	55.00	mm
	Wire D	0.53	mm
	Gap Location		
	Mount Spec*	THRU	
	Contact Material	RHODIUM	
	Max Vibration Resistance	20	G
	Max Shock Resistance (11ms)	50	G
	Lead Tensile Strength	N/A	KG
	Pull in (+/- 2AT)*	15-20	AT
	Drop out*	5	AT
	Operate Time	2.0	ms
Operating	Bounce Time	0.60	ms
	Release Time	0.50	μs
	Resonant Frequency	N/A	Hz
	Max Operating Frequency	250	Hz
	Operating Temperature Range	-40 - 105	°C
	Storage Temperature	N/A	°C
	DC Contact Rating	20	W
	AC Contact Rating	20	VA
	DC Switching Voltage	150	VDC
	AC Switching Voltage	150	VAC
	DC Switching Current	1.00	A
cal	AC Switching Current	1.00	А
ctri	DC Max Carry Current	2.00	A
Electrica	AC Max Carry Current	2.00	A
	Min Breakdown Voltage	200	VDC
	Max Initial Contact Resistance	150	mOhm
	Typical Initial Contact Resistance	N/A	mOhm
	Max Contact Capacitance	0.80	рF
	Min Insulation Resistance	10^9	Ohm

SPECIFICATION SHEET

2005-1901-100

Alternate Part Numbers: AM2005-1901-10-01 3730-2005-1901-100-ND

Active / Equivalent Part Numbers: 2005-1901-100 - Magnetic Reed Sensor Only AM2005-1901-10-01 - Magnetic Reed Sensor Only 3730-2005-1901-100-ND - Magnetic Reed Sensor Only



Sensor - Wire/Cable Characteristics (cont.)

Туре	Wire
Conductor Count	3
Length	6.0"/152.4mm
Colors	RED, BLK, WHT
Insulation Material	PVC
Gauge	24 AWG
Stranded Copper	7 STR-TC
Maximum Temp	105°C

Housing Characteristics2005Rectangular w/ Mounting Tab/HolesLength1.125"/28.58mmWidth0.750"/19.05mmHeight0.250"/6.35mmMaterialCelanex 3316

All measurements are in Inches [millimeters]

REV DATE: 04/20/2023

Conductor Configuration	
Common (COM) - WHITE	
Normally Open (NO) - RED	
Normally Closed (NC) - BLACK	

For More Information Visit: www.reedswitchdevelopments.com

Or Call Us At: 262-883-9060

Standard Sensor/Actuator - Min. Actuation Distance

2005-4000-000	0.25"/6.35mm			
Assembly Certifications				
UL Recognized (File #: E102207)	Y			
RoHS / Reach Compliant	Y			
Conflict Free Material	Y			

* Pre-processed, bare reed element

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