REED SWITCH DEVELOPMENTS CORP. 2524 Norwood Court

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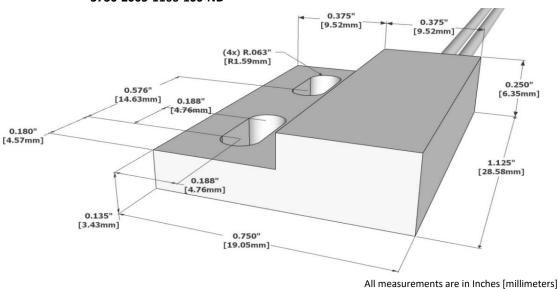
	Sensor (Reed) - Specifications 1166		
	Configuration	SPST	
	Form	А	
	Contact Position	CENTER	
	Glass L	10.5	mm
	Glass D	2.2	mm
Physical	Total L*	34.5	mm
	Wire D	N/A	mm
Ч	Gap Location	CEN	TER
	Mount Spec*	N/A	
	Contact Material	N/A	
	Max Vibration Resistance	20	G
	Max Shock Resistance (11ms)	50	G
	Lead Tensile Strength	N/A	KG
	Pull in (+/- 2AT)*	15-20	AT
	Drop out*	N/A	AT
	Operate Time	0.5	ms
Operating	Bounce Time	INCL	ms
irat	Release Time	0.1	μs
ğ	Resonant Frequency	N/A	Hz
ľ	Max Operating Frequency	N/A	Hz
	Operating Temperature Range	-40 - 130	°C
	Storage Temperature	-55 - 130	°C
	DC Contact Rating	20	W
	AC Contact Rating	N/A	VA
	DC Switching Voltage	200	VDC
	AC Switching Voltage	140	VAC
	DC Switching Current	1.00	А
cal	AC Switching Current	1.00	А
Electrica	DC Max Carry Current	1.25	А
	AC Max Carry Current	1.25	А
	Min Breakdown Voltage	220	VDC
	Max Initial Contact Resistance	150	mOhm
	Typical Initial Contact Resistance	N/A	mOhm
	Max Contact Capacitance	0.30	pF
	Min Insulation Resistance	10^12	Ohm

SPECIFICATION SHEET

2005-1166-100

Alternate Part Numbers: AM2005-1166-10-01 3730-2005-1166-100-ND

Active / Equivalent Part Numbers: 2005-1166-100 - Magnetic Reed Sensor Only AM2005-1166-00-01 - Magnetic Reed Sensor Only 3730-2005-1166-100-ND - Magnetic Reed Sensor Only



Sensor - Wire/Cable	Characteristics	(cont.)
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Туре	Wire
Conductor Count	2
Length	6.0"/152.4mm
Colors	BLK
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

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

Standard Sensor/Actuator - Min. Actuation Distance	
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2005-4000-000	0.19"/4.8mm			
Assembly Certifications				
UL Recognized (File #: E102207)	Y			
RoHS / Reach Compliant	Y			
Conflict Free Material	Y			

REV DATE: 04/20/2023

* Pre-processed, bare reed element

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