



MS-320-3-x-0500

Snap-fit Reed Sensor



Electrical Characteristics

@ 25°C

Contact form		A
Contact rating max.	W / VA	10
Switching voltage max.	VDC	180
	VAC	130
Switching current max.	A	0.7
Carry current max.	A	1
Breakdown voltage min.	VDC	200
Total resistance max. (initial)	mΩ	250
Insulation resistance min.	Ω	10 ⁹

Magnetical Characteristics (of unmodified reed switch)

@ 25°C

Pull in range available	AT	10 - 25
Drop out min.	AT	4
Test coil	TC	010
Test equipment tolerance	± AT	2

Operating Characteristics (of unmodified Reed Switch)

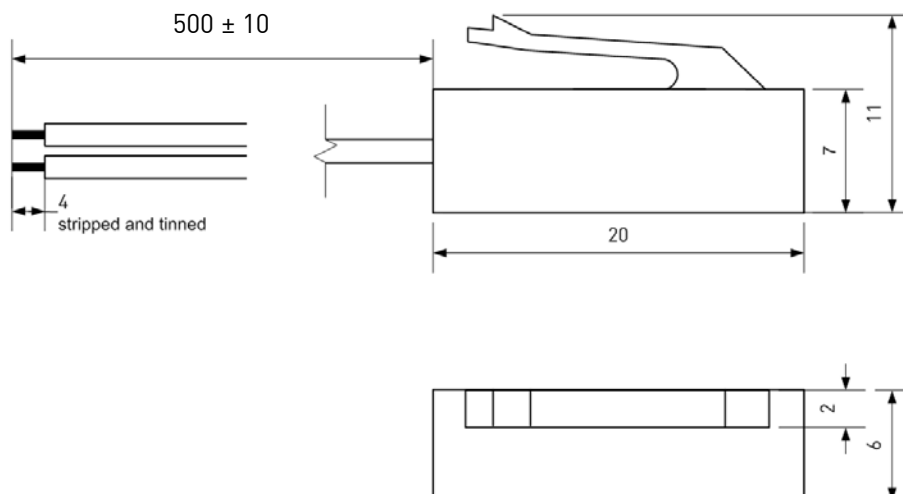
@ 25°C

Switching frequency max.	Hz	500
Resonant frequency typ.	Hz	5000
Operate time max. (incl. bounce)	ms	0.5
Release time max.	ms	0.3

Environmental Characteristics

Operating temperature	°C	-20 to +85
Vibration (50-2000 Hz)	g	20
Shock (1/2 sin 11 ms)	g	100

Dimensions in mm





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RoHS

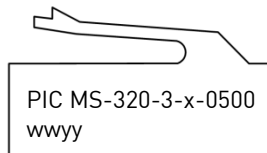
REACH

Material Information

Housing material	PA-GF, black
Potting material	Epoxy, black
Cable information	UL 1061 AWG 22, black, 500 mm, ends 4mm stripped and tinned

Printing

Laser printing with part number and date code



Remarks

When mounted onto ferromagnetic parts switching distance of MS-320 may reduce.
Electromagnetic influences and magnetic fields may change the switching behaviour of the sensor.