

MS-313-3



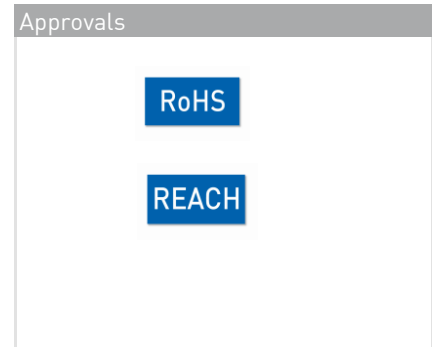
MS-313-3

World's smallest Reed Sensor Flatpack

Electrical Characteristics		@ 25 °C
Contact form		A
Contact rating max.	W / VA	10
Switching voltage max.	VDC	150
	VAC	120
Switching current max.	A	0.5
Carry current max.	A	0.7
Breakdown voltage min.	VDC	200
Total resistance max. (initial)	mΩ	400
Insulation resistance min.	Ω	10 ⁹

Features
➤ Adjustable switching point
➤ Customized types available
➤ Various sensitivity ranges available

Magnetical Characteristics (of unmodified Reed Switch)		@ 25 °C
Pull in range available	AT	10 - 20
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	600
Resonant frequency typ.	Hz	12000
Operate time max. (incl. bounce)	ms	0.3
Release time max.	ms	0.1

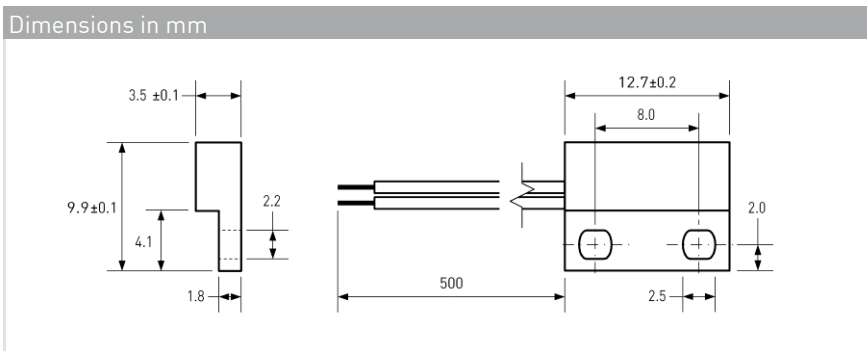
Environmental Characteristics		
Operating temperature	°C	-20 to + 85
Vibration [50-2000 Hz]	g	10
Shock [1/2 sin 11 ms]	g	50

Ordering Information	
Packing Unit	50 pcs
Weight per piece	3.4 g
Weight per package	185 g
Standard AT Ranges	

- 1 = 10 to 15 AT
- 2 = 15 to 20 AT

Ordering Example
MS-313-3-2-0500 describes MS-313-3 with 15 to 20 AT.

Remarks
When mounted onto ferromagnetic parts switching distance of MS-313-3 may reduce. Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.



Material Information		
	Material	Colour
Housing	ABS	black
Potting compound	Epoxy	black
Cable	UL 1007/1569, AWG 26, 4 mm stripped and tinned	black

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