

MS-324-3






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Miniature Reed Sensor Flatpack

Electrical Characteristics		@ 25 °
Contact form		A
Contact rating max.	W / VA	10
Switching voltage max.	VDC	200
	VAC	140
Switching current max.	A	1
Carry current max.	A	1.2
Breakdown voltage min.	VDC	240
Total resistance max. (initial)	mΩ	200
Insulation resistance min.	Ω	10 ¹⁰

Features
➤ Compact size
➤ Adjustable switching point
➤ Various sensitivity ranges available
➤ typ. Load resistive

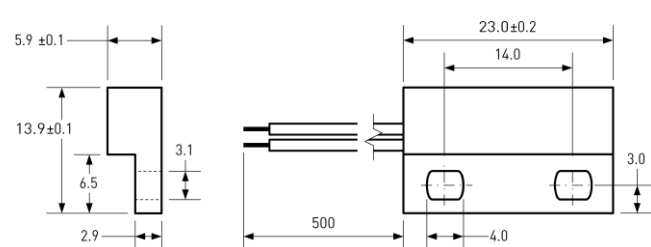
Magnetical Characteristics (of unmodified Reed Switch)		@ 25 °
Pull in range available	AT	10 - 25
Drop out min.	AT	4
Test coil	TC -	014
Test equipment tolerance	± AT	2

Approvals
 RoHS
 REACH
 IP67
Contact PIC for Agency Ratings!

Operating Characteristics (of unmodified Reed Switch)		@ 25 °
Switching frequency max.	Hz	500
Resonant frequency typ.	Hz	4000
Operate time max. (incl. bounce)	ms	1
Release time max.	ms	0.4

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

Ordering Information	
Packing Unit	50 pcs
Weight per piece	5.5 g
Weight per package	290 g
Standard AT Ranges	
1	= 10 to 15 AT
2	= 15 to 20 AT
3	= 20 to 25 AT

Dimensions in mm	
	

Ordering Example	
MS-324-3-1	describes MS-324-3 with 10 to 15 AT.

Remarks
When mounted onto ferromagnetic parts switching distance of MS-324-3 may reduce. Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.

Material Information		
	Material	Colour
Housing	ABS	black
Cable	UL 1007/1569, AWG 24, 4 mm stripped and tinned	black
Potting compound	Epoxy	black