

RoHS
Compliant



Features

- Compact size
- Adjustable switching point
- Various sensitivity ranges available
- Customized types available

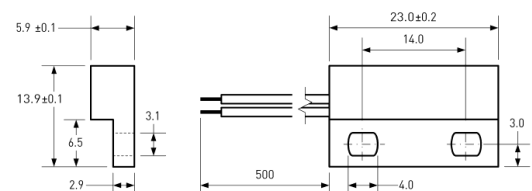
Electrical Characteristics		
Contact form		A
Contact rating max.	W / VA	10
Switching voltage max.	V DC	200
	V AC	140
Switching current max.	A	1
Carry current max.	A	1.2
Breakdown voltage min.	V DC	240
Total resistance max. (initial)	mΩ	200
Insulation resistance min.	Ω	10 ¹⁰

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

Operating Characteristics (of unmodified Reed Switch)		@ 25°C
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

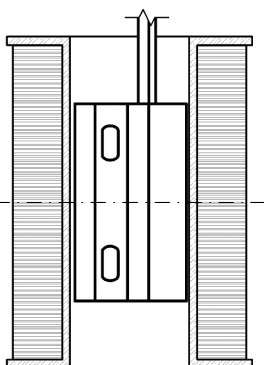
Dimensions



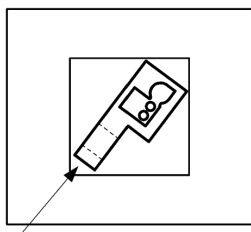
Reed Sensor Switch

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

Test Procedure of final Reed Sensor



Test Parameters	
Test coil	TC- 324
Test programs	
AT range	Test program
1 = 10 to 15 AT	MP-MS-324-3-1



- Test Coil placed in vertical position
- Reed Sensor centered in Test Coil
- Reed Sensor pushed into opposite corner of Test Coil

Part Number Table

Description	Part Number
Reed Sensor Switch, Flatpack, 10 to 15AT	MP-MS-324-3-1-0500

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