

MS-106-3



**MS-106-3**

Miniature Reed Sensor  
pitch 15.24 mm

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	150
Insulation resistance min.	Ω	10 <sup>9</sup>

Features
➤ Small size
➤ Mechanically protected
➤ Various sensitivity ranges available
➤ typ. Load resistive

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

Approvals

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

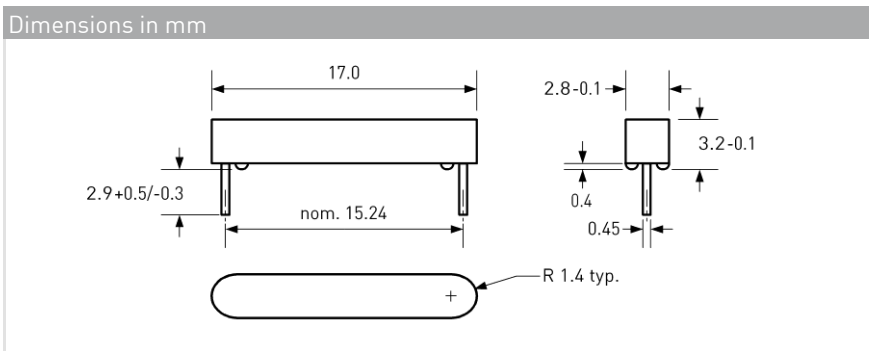
Environmental Characteristics		
Operating temperature	°C	-20 to + 85
Vibration (50-2000 Hz)	g	20
Shock (1/2 sin 11 ms)	g	100

Ordering Information	
Packing Unit	1000 pcs
Weight per piece	0.2 g
Weight per package	245 g
Standard AT Ranges	

- 1 = 10 to 15 AT
- 2 = 15 to 20 AT
- 3 = 20 to 25 AT

**Ordering Example**  
MS-106-3-2 describes MS-106-3 with 15 to 20 AT.

**Remarks**  
When mounted onto ferromagnetic parts switching distance of MS-106-3 may reduce. Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.



Material Information		
Housing	Material PA-GF	Colour black
Potting compound	Epoxy	black