

## MS-107-3



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Reed Sensor pitch 17.78 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

- Mechanically protected
- Not ESD sensitive
- Various sensitivity ranges available
- Customized types available

### 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

### Approvals



### 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	500 pcs
Weight per piece	0.42 g
Weight per package	255 g

#### Standard AT Ranges

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

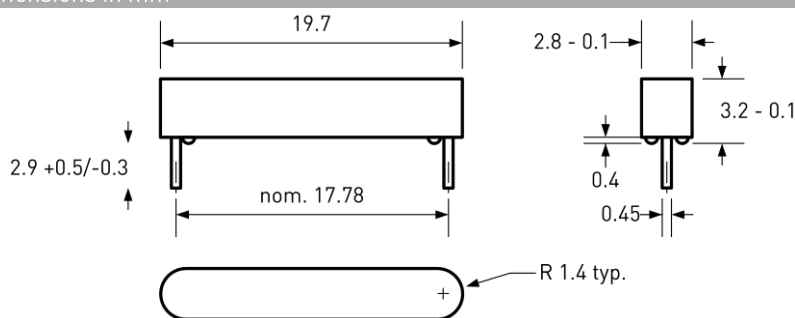
#### Ordering Example

MS-107-3-1 describes MS-107 with 10-15 AT

### Remarks

When mounted onto ferromagnetic parts switching distance of MS-107-3 may reduce. Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.

### Dimensions in mm



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### Material Information

	Material	Colour
Housing	PA-GF	black
Potting compound	Epoxy	black