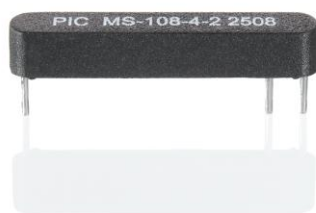


MS-108-4



MS-108-4

Form C Reed Sensor
pitch 20.32 mm

Electrical Characteristics

@ 25 °C

Contact form		C
Contact rating max.	W / VA	5
Switching voltage max.	VDC	175
	VAC	120
Switching current max.	A	0.25
Carry current max.	A	1.5
Breakdown voltage min.	VDC	200
Total resistance max. (initial)	mΩ	100
Insulation resistance min.	Ω	10 ⁹

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	15 - 30
Drop out min.	AT	5
Test coil	TC -	200
Test equipment tolerance	± AT	2

Operating Characteristics (of unmodified Reed Switch)

@ 25 °C

Switching frequency max.	Hz	100
Resonant frequency typ.	Hz	1100
Operate time max. (incl. bounce)	ms	0.7
Release time max.	ms	1

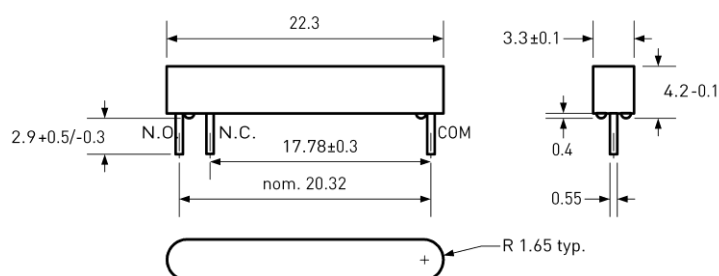
Environmental Characteristics

Operating temperature	°C	-20 to + 85
Vibration (50-2000 Hz)	g	30
Shock (1/2 sin 11 ms)	g	50

Approvals



Dimensions in mm



Ordering Information

Packing Unit	500	pcs
Weight per piece	0.45	g
Weight per package	270	g

Standard AT Ranges

- 2 = 15 to 20 AT
- 3 = 20 to 25 AT
- 4 = 25 to 30 AT

Ordering Example

MS-108-4-2 describes MS-108-4 with 15 to 20 AT.

Remarks

When mounted onto ferromagnetic parts switching distance of MS-108-4 may reduce. Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.

Material Information

	Material	Colour
Housing	PA-GF	black
Potting compound	Epoxy	black