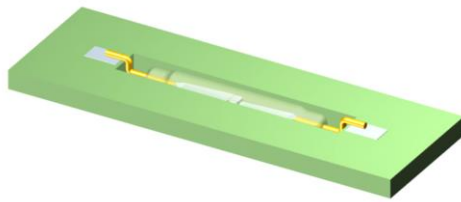


## PMC-1401Z



## PMC-1401Z

Standard SMD Reed Switch

### Electrical Characteristics @ 25 °C

Contact form		A
Contact material		Ru
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
Contact resistance max. (initial)	mΩ	150
Insulation resistance min.	Ω	10 <sup>10</sup>

### 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 @ 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	-60 to +155
Storage temperature	°C	-60 to +155
Soldering temperature max.	°C	300
Vibration (50-2000 Hz)	g	20
Shock (1/2 sin 11 ms)	g	100
Lead tensile strength min.	kg	4

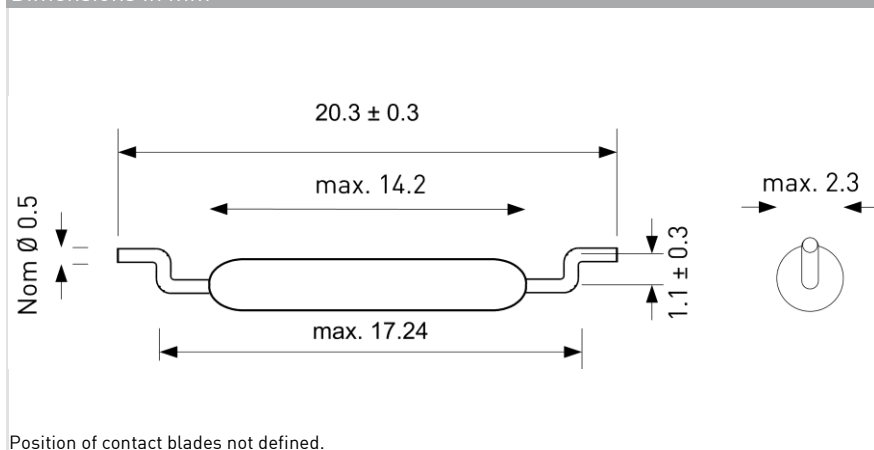
### Features

- > Small size
- > Minimum height above PCB
- > Perfect economical alternative to Hall switches
- > hermetically sealed: nC
- > Over 1 billion reliable operations at dry circuits or low level loads
- > Suitable for lead-free soldering
- > Tape & reel packaging

### Approvals



### Dimensions in mm



### Ordering Information

Packing Unit	5000 pcs
Weight per piece	0.1 g
Weight per package	1200 g
Reel size	13 inches
Standard AT ranges	

10 to 15 AT
15 to 20 AT
20 to 25 AT

### Ordering example

PMC1401Z1520 describes  
PMC-1401Z with 15-20 AT

