

## PMC-1401



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Standard 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	100
Insulation resistance min.	Ω	10 <sup>10</sup>

### Features

- Most cost-efficient general purpose Reed Switch
- Standard size with 14 mm glass length
- Electrical ratings and life time valid above 10 AT

### Magnetical Characteristics (of unmodified Reed Switch) @ 25 °C

Pull in range available	AT	5 - 30
Drop out min.	AT	2
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
Vibration (50-2000 Hz)	g	20
Shock (1/2 sin 11 ms)	g	100

### Life Expectancy

Resistive load	Voltage	Current	Operations
	12 VDC	0,1 A	2 x 10 <sup>8</sup>
	24 VDC	0,4 A	5 x 10 <sup>7</sup>

### Approvals



### Ordering Information

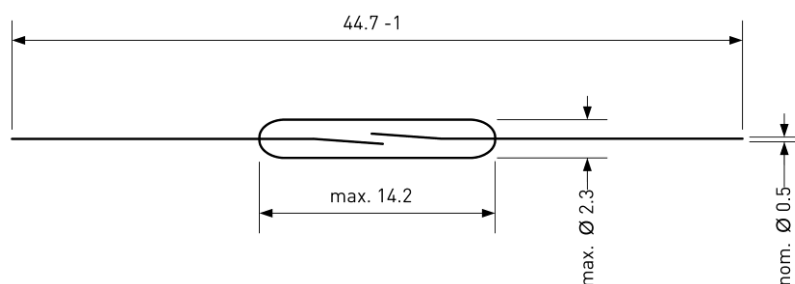
Packing Unit	1500 pcs
Weight per piece	0.14 g
Weight per package	270 g
Standard AT ranges	

5 to 10 AT  
10 to 15 AT  
15 to 20 AT  
20 to 25 AT  
25 to 30 AT

### Ordering example

PMC-14011015 describes PMC-1401 with 10 to 15 AT.

### Dimensions in mm



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