

## PMC-1406



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Low Hysteresis Reed Switch

Electrical Characteristics		@ 25 °C
Contact form		A
Contact material		Ru
Contact rating max.	W / VA	10
Switching voltage max.	VDC	100
	VAC	70
Switching current max.	A	0.5
Carry current max.	A	0.5
Breakdown voltage min.	VDC	150
Contact resistance max. (initial)	mΩ	150
Insulation resistance min.	Ω	10 <sup>10</sup>



Features
➤ Close differential type
➤ Hermetically sealed: nC
➤ Standard size with 14 mm glass length
➤ Form A switch (normally open type)

Magnetical Characteristics (of unmodified Reed Switch)		@ 25 °C
Pull in range available	AT	8 - 30
Drop out min.	AT	min. 80% of PI
Test coil	TC	014
Test equipment tolerance	± AT	2

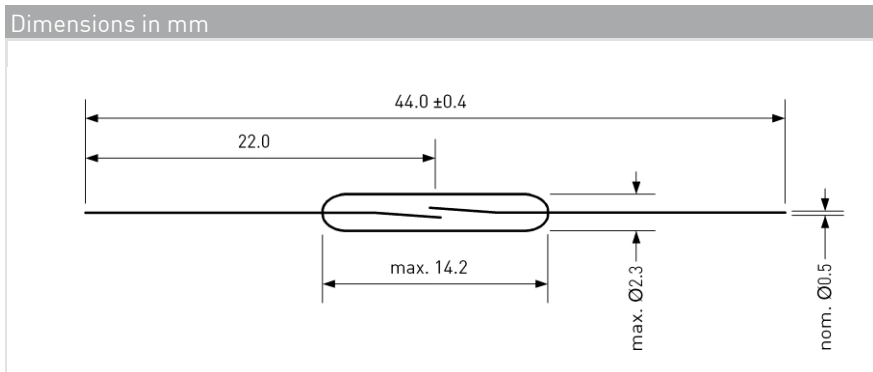
Operating Characteristics		@ 25 °C
Switching frequency max.	Hz	500
Resonant frequency typ.	Hz	4000
Operate time max. (incl. bounce)	ms	1
Release time max.	ms	0.4

Environmental Characteristics	
Operating temperature	°C -40 to +125
Vibration (50-2000 Hz)	g 20
Shock (1/2 sin 11 ms)	g 100

Life Expectancy			
Resistive load	Voltage	Current	Operations
	5 VDC	0,01 A	1 x 10 <sup>8</sup>
	100 VDC	0,1 A	5 x 10 <sup>5</sup>

Approvals




Ordering Information	
Packing Unit	1500 pcs
Weight per piece	0.12 g
Weight per package	238.8 g
Standard AT ranges	
	10 to 15 AT
	15 to 20 AT
	20 to 25 AT
	25 to 30 AT



**Ordering example**  
 PMC-14061015 describes PMC-1406 with 10 to 15 AT.