

## PMC-2003



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Wide Hysteresis Reed Switch

Electrical Characteristics		@ 25 °C
Contact form		A
Contact material		Ru
Contact rating max.	W / VA	10
Switching voltage max.	VDC	180
	VAC	130
Switching current max.	A	1
Carry current max.	A	2
Breakdown voltage min.	VDC	250
Contact resistance max. (initial)	mΩ	150
Insulation resistance min.	Ω	10 <sup>9</sup>

Features
<ul style="list-style-type: none"> <li>➤ Standard size with 20 mm glass length</li> <li>➤ Form A switch (normally open type)</li> <li>➤ Various sensitivity ranges available</li> <li>➤ Wide differential type</li> </ul>

Magnetical Characteristics (of unmodified Reed Switch)		@ 25 °C
Pull in range available	AT	30 - 50
Drop out min.	AT	45 - 60 % of PI
Test coil	TC	020
Test equipment tolerance	± AT	2

Approvals

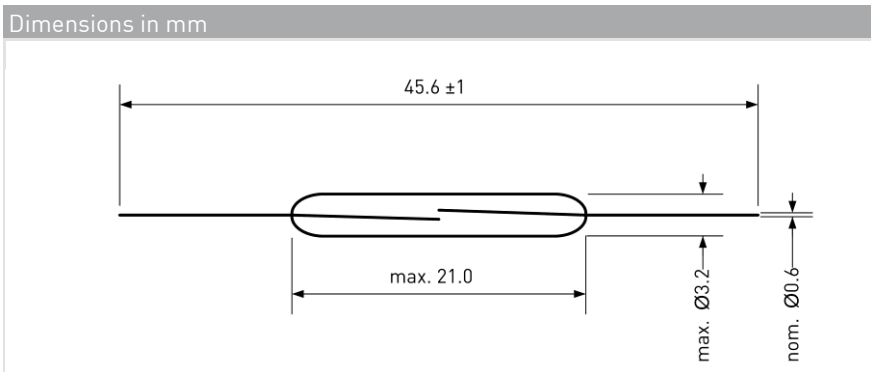



Operating Characteristics		@ 25 °C
Switching frequency max.	Hz	400
Resonant frequency typ.	Hz	2400
Operate time max. (incl. bounce)	ms	1
Release time max.	ms	0.4

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

Life Expectancy			
Resistive load	Voltage	Current	Operations
	5 VDC	0,01 A	3 x 10 <sup>6</sup>
	24 VDC	0,25 A	1 x 10 <sup>6</sup>

Ordering Information	
Packing Unit	600 pcs
Weight per piece	0.33 g
Weight per package	230 g
Standard AT ranges	
	30 to 35 AT
	35 to 40 AT
	40 to 45 AT
	45 to 50 AT



Ordering example  
 PMC-2003035 describes PMC-2003 with 30 to 35 AT.