

## PMC-0701



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Micro Reed Switch

Electrical Characteristics		@ 25 °C
Contact form		A
Contact material		Ru
Contact rating max.	W / VA	10
Switching voltage max.	VDC	150
	VAC	120
Switching current max.	A	0.5
Carry current max.	A	0.7
Breakdown voltage min.	VDC	200
Contact resistance max. (initial)	mΩ	200
Insulation resistance min.	Ω	10 <sup>9</sup>

Features
➤ Form A switch (normally open type)
➤ Micro Reed Switch with 7 mm glass length
➤ Smallest size, most economic
➤ Various sensitivity ranges available

Magnetical Characteristics (of unmodified Reed Switch)		@ 25 °C
Pull in range available	AT	10 - 20
Drop out min.	AT	4
Test coil	TC	010
Test equipment tolerance	± AT	1

Approvals





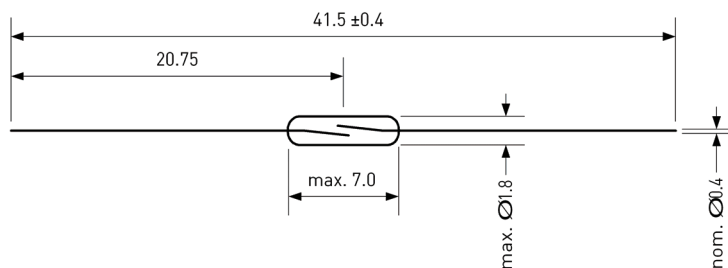
Operating Characteristics		@ 25 °C
Switching frequency max.	Hz	600
Resonant frequency typ.	Hz	12000
Operate time max. (incl. bounce)	ms	0.3
Release time max.	ms	0.1

Environmental Characteristics	
Operating temperature	°C -40 to +125
Vibration (50-2000 Hz)	g 10
Shock (1/2 sin 11 ms)	g 50

Life Expectancy			
Resistive load	Voltage	Current	Operations
	0.02 VDC	0.01 A	5 x 10 <sup>8</sup>
	20 VDC	0.5 A	5 x 10 <sup>7</sup>

Ordering Information	
Packing Unit	1800 pcs
Weight per piece	0.06 g
Weight per package	167.5 g
Standard AT ranges	
	10 to 15 AT
	15 to 20 AT

### Dimensions in mm



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Ordering example  
 PMC-07011015 describes PMC-0701 with 10 to 15 AT.