

PMC-1601



**PMC-1601**  
Standard 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	1
Breakdown voltage min.	VDC	160
Contact resistance max. (initial)	mΩ	150
Insulation resistance min.	Ω	10 <sup>9</sup>

Features
➤ Form A switch (normally open type)
➤ Standard size with 16 mm glass length
➤ Applicable for 5 W lamp load
➤ Various sensitivity ranges available

Magnetical Characteristics (of unmodified Reed Switch)		@ 25 °C
Pull in range available	AT	10 - 30
Drop out min.	AT	5
Test coil	TC	016
Test equipment tolerance	± AT	2

Approvals

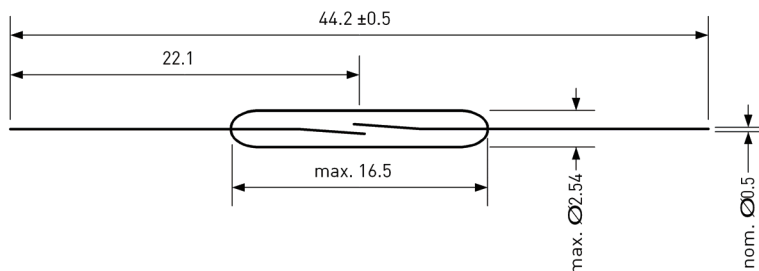
Operating Characteristics		@ 25 °C
Switching frequency max.	Hz	400
Resonant frequency typ.	Hz	3000
Operate time max. (incl. bounce)	ms	0.8
Release time max.	ms	0.4

Environmental Characteristics	
Operating temperature	°C -60 to +125
Vibration (50-2000 Hz)	g 10
Shock (1/2 sin 11 ms)	g 50

Life Expectancy			
Resistive load	Voltage	Current	Operations
	14.5 VDC	0.27 A	1 x 10 <sup>5</sup>
	24 VDC	0.25 A	1 x 10 <sup>6</sup>

Ordering Information	
Packing Unit	1000 pcs
Weight per piece	0.16 g
Weight per package	226 g
Standard AT ranges	
	10 to 15 AT
	15 to 20 AT
	20 to 25 AT
	25 to 30 AT

Dimensions in mm



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Ordering example  
PMC-16011015 describes PMC-1601 with 10 to 15 AT.