

PMC-1001



PMC-1001

Standard 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	0.7
Carry current max.	A	1
Breakdown voltage min.	VDC	200
Contact resistance max. (initial)	mΩ	150
Insulation resistance min.	Ω	10 ⁹

Features

- Standard size with 10 mm glass length
- typ. Load resistive
- Electrical ratings and life time valid above 10 AT
- Hermetically sealed: nC

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

Pull in range available	AT	5 - 25
Drop out min.	AT	2
Test coil	TC	010
Test equipment tolerance	± AT	2

Operating Characteristics @ 25 °C

Switching frequency max.	Hz	500
Resonant frequency typ.	Hz	5000
Operate time max. (incl. bounce)	ms	0.5
Release time max.	ms	0.3

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
	0.02 VDC	0,01 A	2 x 10 ⁹
10 VDC	0,01 A	5 x 10 ⁷	

Approvals



Ordering Information

Packing Unit	1600 pcs
Weight per piece	0.08 g
Weight per package	189.3 g
Standard AT ranges	

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

Ordering example

PMC-10011015 describes PMC-1001 with 10 to 15 AT.

Dimensions in mm

