

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 ⁹

Features

- Smallest size, most economic
- 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 - 20
Drop out min.	AT	3
Test coil	TC	010
Test equipment tolerance	± AT	2

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 ⁸
20 VDC	0,5 A	5 x 10 ⁷	

Approvals



Ordering Information

Packing Unit	1800 pcs
Weight per piece	0.07 g
Weight per package	186 g
Standard AT ranges	
	5 to 10 AT
	10 to 15 AT
	15 to 20 AT

Ordering example

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

Dimensions in mm

