

PMC-1001 Standard Reed Switch



Electrical Characteristics

Contact form		A
Contact material		Ru
Contact rating max.	W / VA	10
Switching current max.	A	0.7
Carry current max.	A	1.0
Switching voltage max.	VDC	180
	VAC	130
Breakdown voltage min.	VDC	200
Contact resistance (initial) max.	mΩ	150
Insulation resistance min.	Ω	10 ⁹
Capacitance typ.	pF	0.5

Magnetical Characteristics

Pull in range available	AT	10 - 35
Drop out min.	AT	4
Test coil	TC	010

Operating Characteristics

Operate time (incl. bounce) max.	ms	0.5
Release time max.	ms	0.3
Switching frequency max.	Hz	500
Resonant frequency typ.	Hz	5000
Vibration (50-2000 Hz)	g	20
Shock (1/2 sin 11 ms)	g	100
Operating temperature	°C	-40 to +125

Dimensions in mm

A = Total length nom.	41.80
B = Glass length max.	10.00
C = Glass diameter max.	1.80
D = Wire diameter nom.	0.45
E = Gap location nom.	20.90

