

PMC-2003 Wide Hysteresis Reed Switch



Electrical Characteristics

Contact form		A
Contact material		Ru
Contact rating max.	W / VA	10
Switching current max.	A	1,0
Carry current max.	A	1,5
Switching voltage max.	VDC	180
	VAC	130
Breakdown voltage min.	VDC	250
Contact resistance (initial) max.	mΩ	150
Insulation resistance min.	Ω	10 ⁹
Capacitance typ.	pF	0,4

Magnetical Characteristics

Pull in range available	AT	30 - 50
Drop out range available	% (of PI)	45 - 60
Test coil	TC	020

Operating Characteristics

Operate time (incl. bounce) max.	ms	1,0
Release time max.	ms	0,4
Switching frequency max.	Hz	400
Resonant frequency typ.	Hz	2400
Vibration (50-2000 Hz)	g	20
Shock (1/2 sin 11 ms)	g	50
Operating temperature	°C	-40 to +125

Dimensions in mm

A = Total length nom.	45,60
B = Glass length max.	21,00
C = Glass diameter max.	3,00
D = Wire diameter nom.	0,60
E = Gap location nom.	22,80

