

PMC-5001 High Power Reed Switch



Electrical Characteristics

Contact form		A
Contact material		Mo*
Contact rating max.	W / VA	120
Switching current max.	A	3.0
Carry current max.	A	3.0
Switching voltage max.	VDC	250
	VAC	250
Breakdown voltage min.	VDC	700
Contact resistance (initial) max.	mΩ	200
Insulation resistance min.	Ω	10 ⁹
Capacitance typ.	pF	1.0

*Minimum load for contact material Mo: 3 Watts !

Magnetical Characteristics

Pull in range available	AT	50 - 90
Drop out min.	AT	20
Test coil	TC	050

Operating Characteristics

Operate time (incl. bounce) max.	ms	2.0
Release time max.	ms	1.0
Switching frequency max.	Hz	25
Resonant frequency typ.	Hz	700
Vibration (50-2000 Hz)	g	10
Shock (1/2 sin 11 ms)	g	50
Operating temperature	°C	-60 to +130

Dimensions in mm

A = Total length nom.	80.00
B = Glass length max.	50.00
C = Glass diameter max.	5.40
D = Wire diameter nom.	1.30
E = Gap location nom.	40.00

