

## 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 <sup>9</sup>
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

