

PMC-5002 High Power Reed Switch



Electrical Characteristics

Contact form		A
Contact material		Mo
Contact rating max.	W / VA	250
Switching current max.	A	5.0
Carry current max.	A	5.0
Switching voltage max.	VDC	250
	VAC	250
Breakdown voltage min.	VDC	700
Contact resistance (initial) max.	mΩ	300
Insulation resistance min.	Ω	10 ⁹
Capacitance typ.	pF	1.0

Magnetical Characteristics

Pull in range available	AT	50 - 100
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	5
Resonant frequency typ.	Hz	700
Vibration (50-2000 Hz)	g	10
Shock (1/2 sin 11 ms)	g	50
Operating temperature	°C	-60 to +100

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

