

PMC-2021 High Power Reed Switch



Electrical Characteristics

Contact form		A
Contact material		Ru
Contact rating max.	W / VA	50
Switching current max.	A	1.5
Carry current max.	A	2.0
Switching voltage max.	VDC	200
	VAC	250
Breakdown voltage min.	VDC	400
Contact resistance (initial) max.	m Ω	100
Insulation resistance min.	Ω	10 ¹⁰
Capacitance typ.	pF	0.5

Magnetical Characteristics

Pull in range available	AT	25 - 40
Drop out min.	AT	5
Test coil	TC	020

Operating Characteristics

Operate time (incl. bounce) max.	ms	1.0
Release time max.	ms	0.4
Switching frequency max.	Hz	300
Resonant frequency typ.	Hz	2600
Vibration (50-2000 Hz)	g	20
Shock (1/2 sin 11 ms)	g	50
Operating temperature	°C	-60 to +125

Dimensions in mm

A = Total length nom.	55.00
B = Glass length max.	20.00
C = Glass diameter max.	2.54
D = Wire diameter nom.	0.60
E = Gap location nom.	27.50

