

PMC-5002



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High Power Reed Switch

Electrical Characteristics @ 25 °C

Contact form		A
Contact material		Mo*
Contact rating max.	W / VA	250
Switching voltage max.	VDC	250
	VAC	250
Switching current max.	A	5
Carry current max.	A	5
Breakdown voltage min.	VDC	700
Contact resistance max. (initial)	mΩ	200
Insulation resistance min.	Ω	10 ⁹

*Minimum load for contact material Mo: 3 Watts !

Magnetical Characteristics (of unmodified Reed Switch) @ 25 °C

Pull in range available	AT	50 - 100
Drop out min.	AT	15
Test coil	TC	050
Test equipment tolerance	± AT	5

Operating Characteristics @ 25 °C

Switching frequency max.	Hz	25
Resonant frequency typ.	Hz	700
Operate time max. (incl. bounce)	ms	2
Release time max.	ms	1

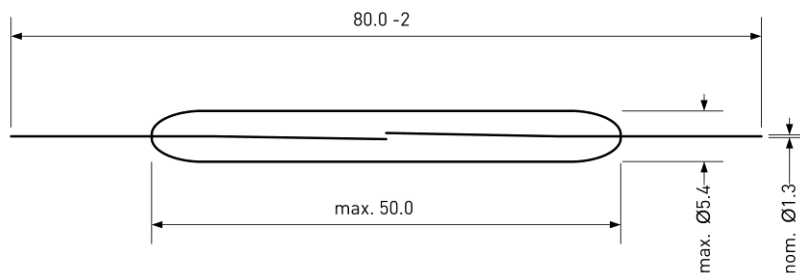
Environmental Characteristics

Operating temperature	°C	-60 to +100
Vibration (1-500 Hz)	g	10
Shock (1/2 sin 2 ms)	g	150

Life Expectancy

Resistive load	Voltage	Current	Operations
	230 VAC	0,5 A	2,2 x 10 ⁷
	100 VDC	1 A	1 x 10 ⁶

Dimensions in mm



Features

- Form A switch (normally open type)
- 250 Watts Power Switch with 50 mm glass length
- Various sensitivity ranges available
- typ. Load resistive

Approvals



Ordering Information

Packing Unit	160 pcs
Weight per piece	2 g
Weight per package	380 g
Standard AT ranges	

- 50 to 55 AT
- 55 to 60 AT
- 60 to 65 AT
- 65 to 70 AT
- 70 to 75 AT
- 75 to 80 AT
- 80 to 85 AT
- 85 to 90 AT
- 90 to 95 AT
- 95 to 100 AT

Ordering example

PMC-50025055 describes PMC-5002 with 50 to 55 AT.