

PMC-1402



PMC-1402
Standard Reed Switch

Electrical Characteristics		@ 25 °C
Contact form		A
Contact material		Rh/Ru
Contact rating max.	W / VA	10
Switching voltage max.	VDC	200
	VAC	140
Switching current max.	A	0.5
Carry current max.	A	1
Breakdown voltage min.	VDC	250
Contact resistance max. (initial)	mΩ	100
Insulation resistance min.	Ω	10 ¹⁰

Features
› Form A switch (normally open type)
› Standard size with 14 mm glass length
› Economic, compact size
› Various sensitivity ranges available

Magnetical Characteristics (of unmodified Reed Switch)		@ 25 °C
Pull in range available	AT	10 - 20
Drop out min.	AT	60 % of PI
Test coil	TC	014
Test equipment tolerance	± AT	2

Approvals

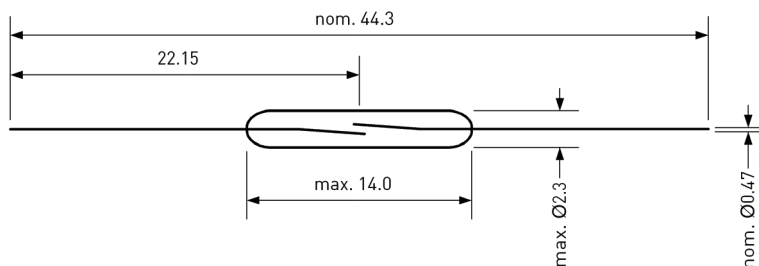
Operating Characteristics		@ 25 °C
Switching frequency max.	Hz	500
Resonant frequency typ.	Hz	5200
Operate time max. (incl. bounce)	ms	0.55
Release time max.	ms	0.2

Environmental Characteristics	
Operating temperature	°C -40 to +125
Vibration (50-2000 Hz)	g 30
Shock (1/2 sin 11 ms)	g 100

Life Expectancy			
Resistive load	Voltage	Current	Operations
	5 VDC	0.01 A	2 x 10 ⁸
	24 VDC	0.25 A	2 x 10 ⁷

Ordering Information	
Packing Unit	1000 pcs
Weight per piece	0.13 g
Weight per package	674 g
Standard AT ranges	
	10 to 15 AT
	15 to 20 AT
	20 to 25 AT
	25 to 30 AT

Dimensions in mm



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Ordering example
PMC-14021015 describes PMC-1402 with 10 to 15 AT.