



PMC-1406

Standard Reed Switch Close Differential



Electrical Characteristics (Electrical ratings valid above 10 AT.)

@ 25°C

Contact form		A
Contact material		Ru
Contact rating max. (resistive load)	W / VA	7
Switching voltage max.	VDC	200
	VAC	140
Switching current max.	A	0.5
Carry current max.	A	1.0
Breakdown voltage min.	VDC	240
Contact resistance max. (initial)	mΩ	100
Insulation resistance min.	Ω	10 ¹⁰

Magnetic Characteristics (of unmodified Reed Switch)

@ 25°C

Pull in range available	AT	8 – 20
Drop out min.	AT	4
Test coil (TCxxx)	TC	014
Test equipment tolerance	± AT	2

Operating Characteristics

@ 25°C

Switching frequency max.	Hz	500
Resonant frequency typ.	Hz	4000
Operate time max. (incl. bounce)	ms	1
Release time max.	ms	0.4

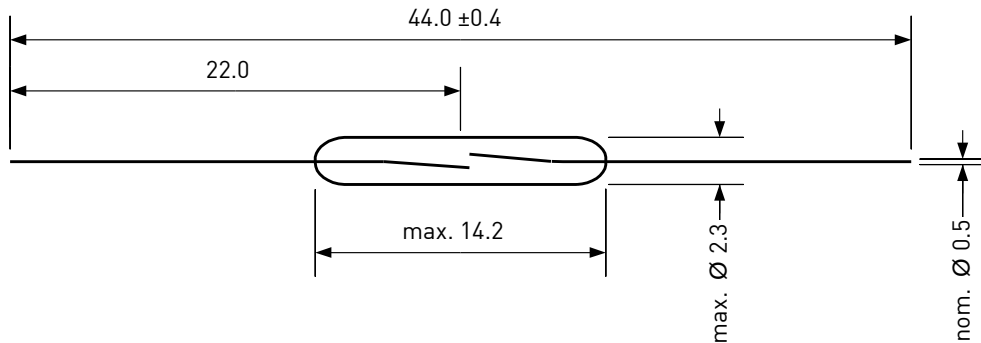
Environmental Characteristics

Operating temperature	°C	-60 to +155
Vibration (50-2000 Hz)	g	20
Shock (1/2 sin 11 ms)	g	100

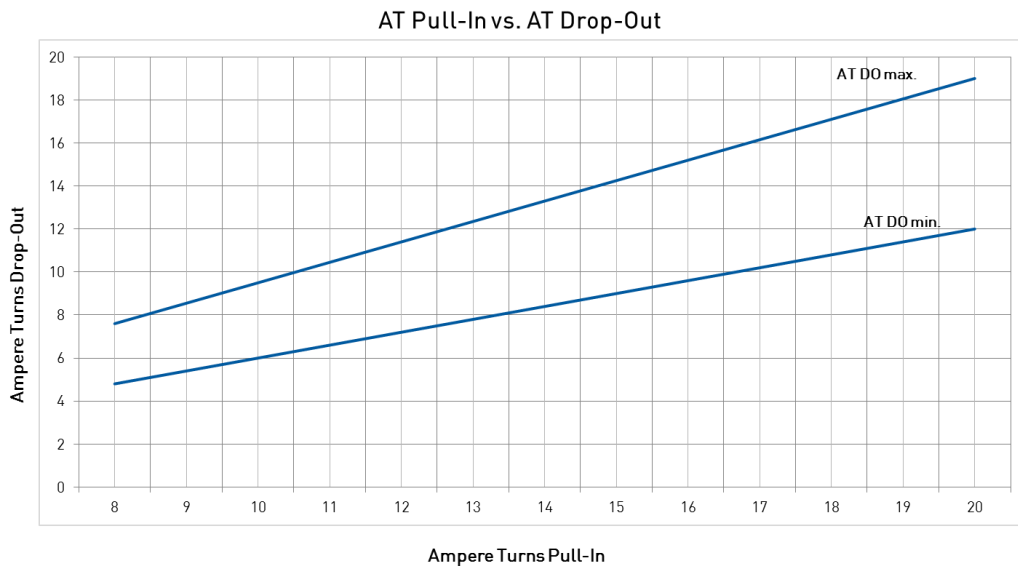
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Dimensions in mm:



Drop-Out vs. Pull-In Chart:



Statistical values for min. and max. Drop-Out