

HSR-003



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Micro Reed Switch


Electrical Characteristics		@ 25 °C
Contact form		A
Contact material		Durel
Contact rating max.	W / VA	1
Switching voltage max.	VDC	30
	VAC	30
Switching current max.	A	0.05
Carry current max.	A	1
Breakdown voltage min.	VDC	200
Contact resistance max. (initial)	mΩ	500
Insulation resistance min.	Ω	10 ¹¹

Features
➤ Form A switch (normally open type)
➤ Micro Reed Switch with 5 mm glass length
➤ Hi-Rel version available
➤ Various sensitivity ranges available

Magnetical Characteristics (of unmodified Reed Switch)		@ 25 °C
Pull in range available	AT	4 - 20
Drop out min.	AT	3
Test coil	TC -	091
Test equipment tolerance	± AT	1

Approvals



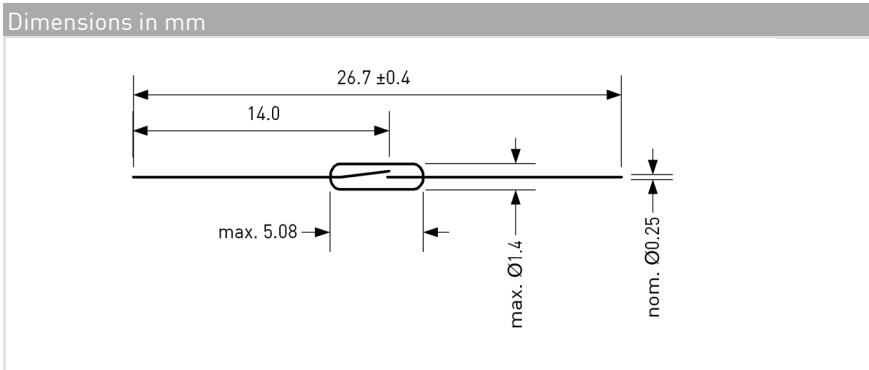


Operating Characteristics		@ 25 °C
Switching frequency max.	Hz	700
Resonant frequency typ.	Hz	10000
Operate time max. (incl. bounce)	ms	0.2
Release time max.	ms	0.1

Environmental Characteristics	
Operating temperature	°C -40 to +125
Vibration (50-2000 Hz)	g 15
Shock (1/2 sin 11 ms)	g 75

Life Expectancy			
Resistive load	Voltage	Current	Operations
	5 VDC	0.001 A	1 x 10 ⁷
	10 VDC	0.025 A	3 x 10 ⁶

Ordering Information	
Packing Unit	200 pcs
Weight per piece	0.02 g
Weight per package	14.4 g



Standard AT ranges	
	5 to 15 AT
	5 to 10 AT
	10 to 15 AT
	15 to 20 AT
	20 to 25 AT

Ordering example
HSR-003510 describes HSR-003 with 5 to 10 AT.