

HSR-0025



HSR-0025

Micro Reed Switch

Electrical Characteristics

@ 25 °C

Contact form		A
Contact material		Durel
Contact rating max.	W / VA	0.25
Switching voltage max.	VDC	30
	VAC	30
Switching current max.	A	0.01
Carry current max.	A	0.01
Breakdown voltage min.	VDC	80
Contact resistance max. (initial)	mΩ	500
Insulation resistance min.	Ω	10 ¹¹

Features

- World's smallest Reed Switch!
- Micro Reed Switch with 4 mm glass length
- Smallest size for applications in medical devices
- Various sensitivity ranges available

Magnetical Characteristics (of unmodified Reed Switch)

@ 25 °C

Pull in range available	AT	2 - 15
Drop out min.	AT	1
Test coil	TC -	091
Test equipment tolerance	± AT	1

Operating Characteristics

@ 25 °C

Switching frequency max.	Hz	900
Resonant frequency typ.	Hz	10000
Operate time max. (incl. bounce)	ms	0.3
Release time max.	ms	0.2

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	0.01 A	1 x 10 ⁷
	10 VDC	0.1 A	5 x 10 ⁵

Approvals

RoHS

REACH

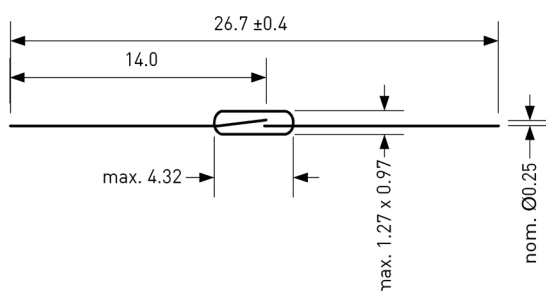
Ordering Information

Packing Unit	100 pcs
Weight per piece	0.017 g
Weight per package	12 g
Standard AT ranges	
	2 to 4 AT
	5 to 10 AT
	10 to 15 AT

Ordering example

HSR-002510 describes HSR-0025 with 5 to 10 AT.

Dimensions in mm



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