

HSR-0035RT



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Micro Reed Switch

Electrical Characteristics

@ 25 °C

Contact form		A
Contact material		Rh
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	750
Insulation resistance min.	Ω	10 ⁹

Features

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

Magnetical Characteristics (of unmodified Reed Switch)

@ 25 °C

Pull in range available	AT	5 - 20
Drop out min.	AT	3
Test coil	TC	091
Test equipment tolerance	± AT	1

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
	20 VDC	0,05 A	5 x 10 ⁶

Approvals



Ordering Information

Packing Unit	100 pcs
Weight per piece	0.02 g
Weight per package	12.5 g
Standard AT ranges	
	5 to 15 AT
	5 to 10 AT
	10 to 15 AT
	15 to 20 AT

Ordering example

HSR-0035RT510 describes HSR-0035RT with 5 to 10 AT.

Dimensions in mm

