

HSR-910W-V10K



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High Voltage Reed Switch

Electrical Characteristics

@ 25 °C

Contact form		A
Contact material		W*
Contact rating max.	W / VA	50
Switching voltage max.	VDC	5000
	VAC	3550
Switching current max.	A	3
Carry current max.	A	4.5
Breakdown voltage min.	VDC	10000
Contact resistance max. (initial)	mΩ	100
Insulation resistance min.	Ω	10 ¹¹

*Minimum load for contact material W: 3 Watts !

Magnetical Characteristics (of unmodified Reed Switch)

@ 25 °C

Pull in range available	AT	100 - 150
Drop out min.	AT	30
Test coil	TC	093
Test equipment tolerance	± AT	4

Operating Characteristics

@ 25 °C

Switching frequency max.	Hz	50
Resonant frequency typ.	Hz	300
Operate time max. (incl. bounce)	ms	4
Release time max.	ms	2

Environmental Characteristics

Operating temperature	°C	-60 to +125
Vibration (50-2000 Hz)	g	30
Shock (1/2 sin 11 ms)	g	100

Life Expectancy

Resistive load	Voltage	Current	Operations
	24 VDC	2 A	1 x 10 ⁵
	5000 VDC	0,01 A	1 x 10 ⁵

Features

- 50 Watts Power Switch
- Breakdown voltage min. 10,000 VDC
- Switching voltage 5 kV
- Various sensitivity ranges available

Approvals



Ordering Information

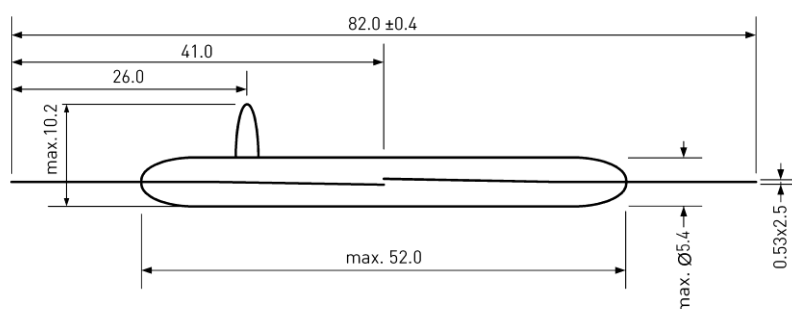
Packing Unit	100 pcs
Weight per piece	2.3 g
Weight per package	392 g
Standard AT ranges	

100 to 110 AT
110 to 120 AT
120 to 130 AT
130 to 140 AT
140 to 150 AT

Ordering example

HSR910WV10K120130 describes HSR-910W-V10K with 120-130 AT

Dimensions in mm



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