



# HSR-916W-V8K

## High Voltage Reed Switch

### Electrical Characteristics

@ 25°C

Contact form		A
Contact material		W*
Contact rating max.	W / VA	100
Switching voltage max.	VDC	6500
	VAC	4500
Switching current max.	A	3
Carry current max.	A	4
Holdoff min.	VDC	8000
Breakdown voltage typ..	VDC	10000
Contact resistance max. (initial)	mΩ	150
Insulation resistance min.	Ω	10 <sup>10</sup>

### Magnetical Characteristics (of unmodified Reed Switch)

@ 25°C

Pull in range	AT	80 - 110
Drop out min	AT	20
Test coil	TC	093
Test equipment tolerance	± AT	3

### Operating Characteristics

@ 25°C

Switching frequency max.	Hz	50
Resonant frequency typ.	Hz	300
Operate time max. (incl. bounce)	ms	2.5
Release time max.	ms	1.5

### Environmental Characteristics

Operating temperature	°C	-60 to +150
Vibration (50-2000 Hz)	g	30
Shock (1/2 sin 11 ms)	g	100

### Life Expectancy

Resistive load	Voltage	Current	Operations
	24VDC	2 A	1x10E5
	5000 VDC	0.01 A	1x10E5

\* Minimum load for contact material W: 3 Watts!

### Dimensions in mm

