



HSR-916W-V15K

High Voltage Reed Switch

Electrical Characteristics

@ 25°C

Contact form		A
Contact material		W*
Contact rating max.	W / VA	100
Switching voltage max.	VDC	10000
	VAC	7100
Switching current max.	A	3
Carry current max.	A	4
Holdoff min.	VDC	15000
Breakdown voltage typ.	VDC	18000
Contact resistance max. (initial)	mΩ	150
Insulation resistance min.	Ω	10 ¹⁰

Magnetical Characteristics (of unmodified Reed Switch)

@ 25°C

Pull in range	AT	140 - 170
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

