

HSR-V10K High Voltage Reed Switch



Electrical Characteristics

Contact form		A
Contact material		W*
Contact rating max.	W / VA	50
Switching current max.	A	3.0
Carry current max.	A	4.5
Switching voltage max.	VDC	7500
	VAC	5000
Breakdown voltage min.	VDC	10000
Contact resistance (initial) max.	mΩ	150
Insulation resistance min.	Ω	10 ¹⁰
Capacitance typ.	pF	1.0

*Minimum load for contact material W: 3 Watts !

Magnetical Characteristics

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

Operating Characteristics

Operate time (incl. bounce) max.	ms	3.0
Release time max.	ms	1.0
Switching frequency max.	Hz	50
Resonant frequency typ.	Hz	300
Vibration (50-2000 Hz)	g	30
Shock (1/2 sin 11 ms)	g	100
Operating temperature	°C	-60 to +125

Dimensions in mm

A = Total length nom.	82.00
B = Glass length max.	53.40
C = Glass diameter max.	5.40
D = Wire diameter nom.	0.60 x 2.5
E = Gap location nom.	41.00

