

## HSR-V7K 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	5000
	VAC	3500
Breakdown voltage min.	VDC	7500
Contact resistance (initial) max.	mΩ	150
Insulation resistance min.	Ω	10 <sup>10</sup>
Capacitance typ.	pF	1.0

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

### Magnetical Characteristics

Pull in range available	AT	60 - 125
Drop out min.	AT	20
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

