

## HSR-V180RF High Frequency Reed Switch



### Electrical Characteristics

Contact form		A
Contact material		Rh
Contact rating max.	W / VA	25
Switching current max.	A	1.5
Carry current max.	A	5.0
Switching voltage max.	VDC	500
	VAC	500
Breakdown voltage min.	VDC	8000
Contact resistance (initial) max.	mΩ	100
Insulation resistance min.	Ω	10 <sup>10</sup>
Capacitance typ.	pF	0.6

### Magnetical Characteristics

Pull in range available	AT	100 - 125
Drop out min.	AT	20
Test coil	TC	093

### Operating Characteristics

Operate time (incl. bounce) max.	ms	3.0
Release time max.	ms	1.5
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

