

# HSR-V100RF

## High Frequency Reed Switch

### Electrical Characteristics

Contact Form (ASA)		A
Contact material		Rh
Contact rating max.	W / VA	10
Switching current max.	A	1.0
Carry current max.	A	3.0
Switching voltage max.	VDC	220
	VAC	220
Breakdown voltage min.	VDC	2,000
Contact resistance (initial)	mΩ	150
Isolation resistance min.	Ω	10 <sup>10</sup>
Capacitance typ.	pF	0.2

### Magnetical Characteristics

Pull in range available	AT	15-40
Drop out min.	AT	10
Test coil		092

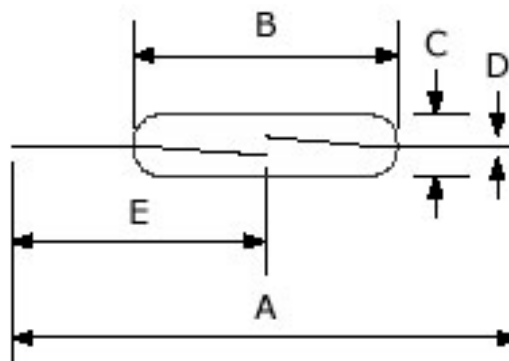
### Operating Characteristics

Operate time max. (incl. bounce)	ms	1.0
Release time max.	ms	0.6
Switching frequency max.	Hz	100
Resonate frequency max.	Hz	2,000
Vibration (50-2000 Hz)	g	30
Shock (1 / 2 sin 11 ms)	g	100
Operating temperature	°C	-60 to +125

### Dimensions

<b>A = Total length nom.</b>	55.50
<b>B = Glass length max.</b>	20.30
<b>C = Glass diameter max.</b>	2.80
<b>D = Wire diameter nom.</b>	0.58
<b>E = Gap location</b>	27.75

in mm



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