

HSR-V100RF High Frequency Reed Switch



Electrical Characteristics

Contact form		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	2000
Contact resistance (initial) max.	mΩ	150
Insulation resistance min.	Ω	10 ¹⁰
Capacitance typ.	pF	0.2

Magnetical Characteristics

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

Operating Characteristics

Operate time (incl. bounce) max.	ms	1.0
Release time max.	ms	0.6
Switching frequency max.	Hz	100
Resonant frequency typ.	Hz	2000
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.	55.50
B = Glass length max.	20.30
C = Glass diameter max.	2.80
D = Wire diameter nom.	0.58
E = Gap location nom.	27.75

