

HSR-003 Micro Reed Switch



Electrical Characteristics

Contact form		A
Contact material		Durel
Contact rating max.	W / VA	1
Switching current max.	A	0.05
Carry current max.	A	1.0
Switching voltage max.	VDC	30
	VAC	30
Breakdown voltage min.	VDC	200
Contact resistance (initial) max.	m Ω	500
Insulation resistance min.	Ω	10 ¹¹
Capacitance typ.	pF	0.2

Magnetical Characteristics

Pull in range available	AT	4 - 20
Drop out min.	AT	3
Test coil	TC	091

Operating Characteristics

Operate time (incl. bounce) max.	ms	0.2
Release time max.	ms	0.1
Switching frequency max.	Hz	700
Resonant frequency typ.	Hz	10000
Vibration (50-2000 Hz)	g	15
Shock (1/2 sin 11 ms)	g	75
Operating temperature	°C	-40 to +125

Dimensions in mm

A = Total length nom.	26.70
B = Glass length max.	5.08
C = Glass diameter max.	1.40
D = Wire diameter nom.	0.25
E = Gap location nom.	14.00

