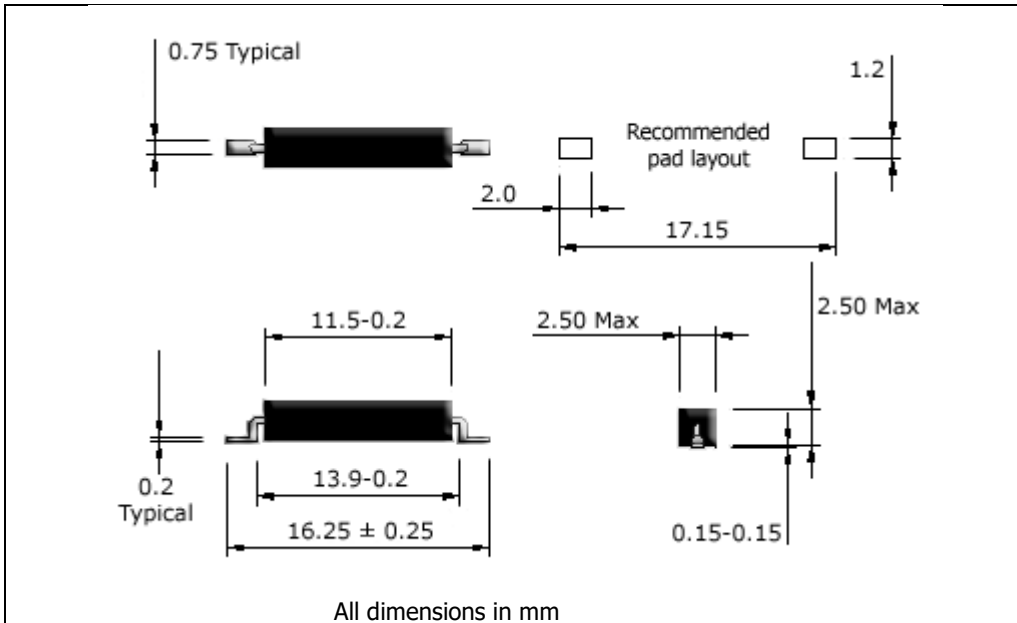


# Reed Sensor Specification

## RS-R3-S-1

Drawing Number	Rev. No	Rev. Date	Mod No.
<b>RS50023</b>	6	06/08/11	014/11
	7	23/12/16	029/16



### Physical Data

<b>Contact Form</b>		Normally Open
<b>Contact material</b>		Ruthenium

### Electrical data

<b>Contact Rating (max)</b>	W/ VA	10.0
<b>Switching Current (max)</b>	A	0.5
<b>Carry Current (max)</b>	A	0.75
<b>Switching Voltage (max)</b>	V <sub>DC</sub>	100
<b>Breakdown Voltage (min)</b>	V <sub>DC</sub>	150
<b>Initial Contact Resistance (max)</b>	mΩ	150
<b>Insulation Resistance (min)</b>	Ω	10 <sup>9</sup>
<b>Capacitance (min)</b>	pF	0.2

### Miscellaneous data

<b>Operate Time (max)</b>	ms	0.35
<b>Bounce Time (max)</b>	ms	0.3
<b>Release Time (max)</b>	ms	0.15
<b>Resonance Frequency (typ)</b>	Hz	>2000
<b>Operating Frequency (max)</b>	Hz	500
<b>Operating Temperature</b>	°C	-40 to +120
<b>Shock Resistance (1/2Sin wave for 11ms)</b>	g	30
<b>Vibration Resistance (10-2000Hz)</b>	g	20