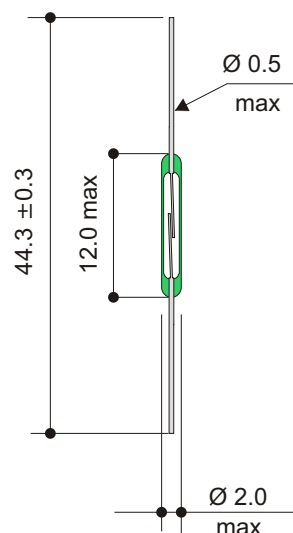


Totally automated production  
 Highest quality, based on computerized SPC, yielding unmatched uniformity  
 Custom cutting and forming for difficult applications  
 Several standard contact materials for a broad range of applications and loads from dry circuit to power switching

<b>Part Number</b>		<b>0312</b>
<b>Contact Form</b>		1A
<b>Contact Material</b>		Iridium

<b>Electrical Ratings</b>		
<b>Contact Rating (max)</b>	W/ VA	30.0
<b>Switching Current (max)</b>	A	0.5
<b>Carry Current (max)</b>	A	1.0
<b>Switching Voltage (max)</b>	VDC	200
<b>Switching Voltage (max)</b>	VAC	100
<b>Breakdown Voltage (min)</b>	VDC	250
<b>Contact Resistance (max)</b>	mΩ	100
<b>Insulation Resistance (min)</b>	Ω	10 <sup>9</sup>
<b>Contact Capacitance (min)</b>	pF	0.3

<b>Operating Characteristics</b>		
<b>Operate Time (Inc. Bounce)</b>	ms	0.7
<b>Release Time (max)</b>	ms	0.05
<b>Resonant Frequency (typ)</b>	Hz	5900 ±400
<b>Operating Frequency (max)</b>	Hz	500
<b>Vibration 10-1000 Hz (max)</b>	G's	20
<b>Shock - 11ms, ½ Sine Wave (max)</b>	G's	30
<b>Operating Temperature</b>	°C	-40 to +125
<b>Pull-in Sensitivity</b>	AT	10 ÷ 40



Dimensions expressed in mm

- Notes:**
- (1) The specification for VA Rating may be exceeded for less sensitive (high AT) switches, and should be decreased for very sensitive (low AT) switches.
  - (2) Breakdown voltage is measured in the presence of a radioactive ionizing source with switch leakage current limited to 100 microamperes.
  - (3) Contact resistance measurements are made at 10ma from a 1 Volt source with 5 AT overdrive using a 4 wire (Kelvin) measuring system with contact probes located on 1.7" centers.