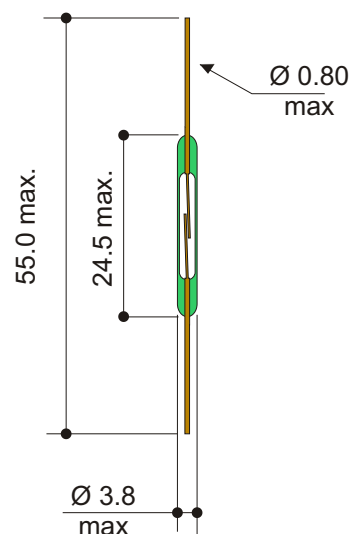


Totally automated production  
Highest quality, based on computerized SPC, yielding unmatched uniformity  
Custom cutting and forming for difficult applications  
Several standard contact materials for a broad range of applications and loads from dry circuit to power switching

<b>Part Number</b>		<b>3817</b>
<b>Contact Form</b>		1A
<b>Contact Material</b>		Rhodium

<b>Electrical Rating</b>		
<b>Contact Rating (max)</b>	W/ VA	60.0
<b>Switching Current (max)</b>	A	3.0
<b>Carry Current (max)</b>	A	4.0
<b>Switching Voltage (max)</b>	V <sub>DC</sub>	400
<b>Switching Voltage (max)</b>	V <sub>AC</sub>	400
<b>Breakdown Voltage (min)</b>	V <sub>DC</sub>	850 1000 (PI <sub>1</sub> ≥50)
<b>Contact Resistance (max)</b>	mΩ	100
<b>Insulation Resistance (min)</b>	Ω	10 <sup>11</sup>
<b>Contact Capacitance (max)</b>	pF	0.5

<b>Operating Characteristics</b>		
<b>Operate Time (Inc. Bounce)</b>	ms	3.0
<b>Release Time (max)</b>	ms	0.1
<b>Resonant Frequency (typ)</b>	Hz	2400
<b>Operating Frequency (max)</b>	Hz	200
<b>Vibration 10-1000 Hz (max)</b>	G's	35
<b>Shock - 11ms, ½ Sine Wave (max)</b>	G's	50
<b>Operating Temperature</b>	°C	-40 to +125
<b>Pull-in Sensitivity</b>	AT	30 ± 70



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.