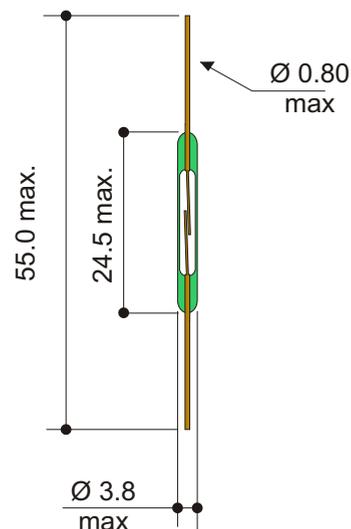


Totally automated production
Highest quality, based on computerized SPC, yielding unmatched uniformity
Custom cutting and forming for difficult applications
Several standard contact materials for a broad range of applications and loads from dry circuit to power switching

Part Number		3823
Contact Form		1A
Contact Material		Rhodium

Electrical Rating		
Contact Rating (max)	W/ VA	60.0
Switching Current (max)	A	3.0
Carry Current (max)	A	4.0
Switching Voltage (max)	V _{DC}	230
Switching Voltage (max)	V _{AC}	230
Breakdown Voltage (min)	V _{DC}	400 500 (PI ≥ 50)
Contact Resistance (max)	mΩ	100
Insulation Resistance (min)	Ω	10 ¹¹
Contact Capacitance (max)	pF	0.5

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