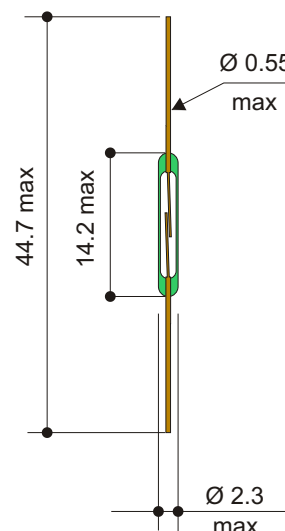


Totally automated production
Highest quality, based on computerized SPC, yielding unmatched uniformity
Custom cutting and forming for difficult applications
Several standard contact materials for a broad range of applications and loads from dry circuit to power switching

Part Number		PSA1405
Contact Form		1A
Contact Material		Ruthenium

Electrical Rating		
Contact Rating (max)	W/ VA	10.0
Switching Current (max)	A	0.5
Carry Current (max)	A	1.0
Switching Voltage (max)	V _{DC}	100
Switching Voltage (max)	V _{AC}	100
Breakdown Voltage (min)	V _{DC}	250 (PI>20) 200 (PI≤20)
Contact Resistance (max)	mΩ	100
Insulation Resistance (min)	Ω	10 ¹⁰
Contact Capacitance (max)	pF	0.7

Operating Characteristics		
Operate Time (Inc. Bounce)	ms	1.0
Release Time (max)	ms	0.4
Resonant Frequency (typ)	Hz	4000
Vibration 1-2000 Hz (max)	G's	20
Shock - 11ms, ½ Sine Wave (max)	G's	30
Operating Temperature	°C	-40 to +125
Pull-in Sensitivity	AT	7 ÷ 30



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.