

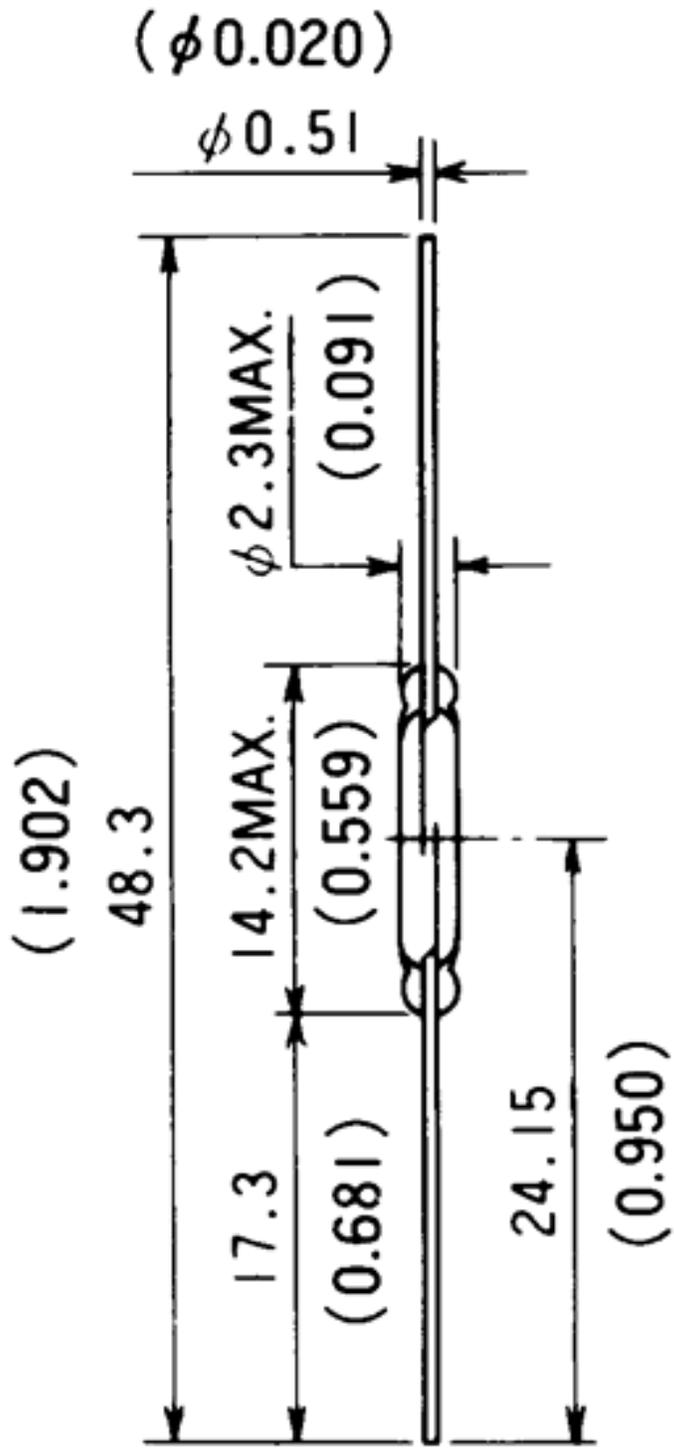
HYR-1559 - High Voltage Breakdown

Specifications

Item	Value
Contact Form	1A
Contact Position ¹	C
Contact Material	Ruthenium ³
Max. Contact Rating	10W
Max. Switching Voltage	500VDC
Max. Switching current	0.5A
Max. Initial Contact Resistance	200mW
Pull in Value (AT)	15-50
Min. Drop out Value (AT)	5
Min. Breakdown Voltage ²	1,500VDC
Max. Contact Capacitance	0.4pF
Min. Insulation Resistance	10 ¹⁰ W
Typ. Resonant Frequency	4.8kHz
Electrical Life (Resistive loads)	10 ⁸ (10mVDC, 10μA) 5 X 10 ⁶ (250VDC, 10mA)
Features	High breakdown voltage

1. C: Center gap O: Off center gap
2. Breakdown voltage specifications are based on Pull-In sensitivity of 25 AT or higher. Contact ALEPH for information for switches with less than 25 AT sensitivity. HYR4000, HYR5000, HYR9000 Series are specified on basis of the lowest AT Pull-In sensitivity range.
3. Ruthenium Oxide over Rhodium.

Dimensions



Test Coil - TC-0502

Number of Turns	5,000
Wire Gauge	AWG #40
Coil Resistance	420W

Test Coil

