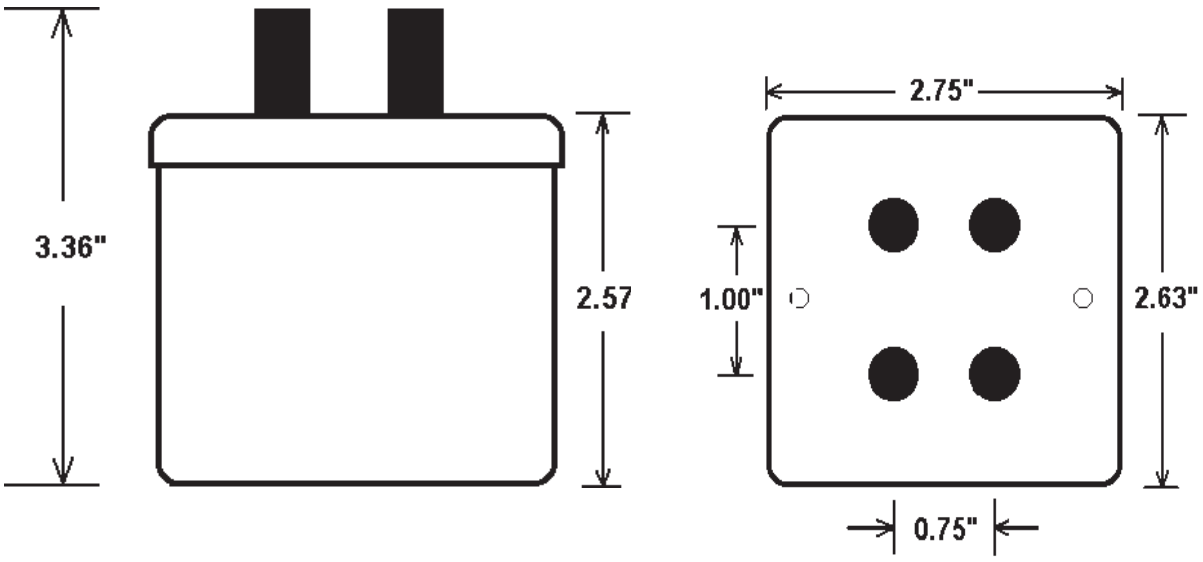
RESISTANCE STANDARDS

These units are used to calibrate laboratory instruments and test equipment. They are designed to be extremely stable in this environment. They are also fully traceable to NIST.

Available resistances:	.001 ohm to 10 megohms
Standard tolerance:	.005%
Stability:	.002% per year
TCR:	< 5 ppm/ºC (20º - 30ºC)
Wattage:	½ watt
Physical:	2.63" X 2.75" X 3.36"
	Aluminum housed
	4 lead configuration
	Female banana plugs standard

Each Resistance Standard is supplied with a calibration certificate detailing its exact resistance value at the time of shipment. The Standards have excellent stability and should exhibit high accuracy between calibration periods and over normal temperature ranges. This accuracy is attributable to the precision resistors used to build the Standard. The resistors use modern alloy resistance wire which has excellent stability, extremely low temperature coefficient and neglible thermal emf to copper. Each resistor is carefully manufactured and inspected to insure maximum quality control and long term stability. The resistors are given a rigorous accelerated aging treatment. The completed Standard is then given an additional stabilization treatment.



Independent laboratory testing and verification is available at an additional charge.

Annual recalibration and certification is available and encouraged to track stability trends.

Order Hotline: 260-356-0756
Fax: 260-356-7891
Visit our website @ *www.millsresistor.com*