RX-1M Hi-Meg

Ultra High Resistance
High Stability Hermetically Sealed



These Hi-Meg resistors are designed for use in electrometer circuits where a high order of performance is required. These resistors achieve a high degree of accuracy and stability, and operate at this high performance level for an extended period of time. By being vacuum sealed in a glass envelope, these Hi-Megs are suitable for ultra-high vacuum applications.

FEATURES

- Glass sealed hermetric resistors
- Improved temperature stability
- Improved voltage stability
- Metal oxide resistive elements
- No outgassing
- RoHS compliant
- Calibration available

APPLICATIONS

- Ultra high vacuum
- Medical instrumentation
- Current pulse limiters
- Avionics

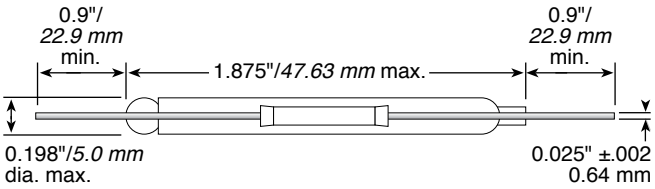
CHARACTERISTICS

Resistance Range	1M to 10,000,000M
Power Rating	0.5W at 25°C
Voltage Rating	1.0KV
Temperature Coefficient	as low as 50PPM/°C

Handling and Cleaning of RX-1M Resistors:

These glass encapsulated resistors, especially those of higher resistance value, require extraordinary cleanliness. These resistors should be handled by the terminals, unless gloves are worn. Fingerprints on the surface of the resistor will attract contaminants and moisture, which will cause a parallel resistance path, reducing the resistance value of the device. If cleaning should become necessary, use isopropyl alcohol and lightly wipe dry with lint free tissues such as Kimwipes.

DIMENSIONS



ORDERING INFORMATION

RX-1M1006FE– RoHS Compliant

Hi-Meg Series

Ohms
First 3 digits are significant; 4th digit is multiplier (# of zeroes to follow). Examples:
1506 = 150 MΩ
1509 = 150 GΩ
150A = 1.5 TΩ
100B = 10 TΩ

Tolerance
D = 0.5%
F = 1%
G = 2%
J = 5%
K = 10%
M = 15%
P = 20%