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

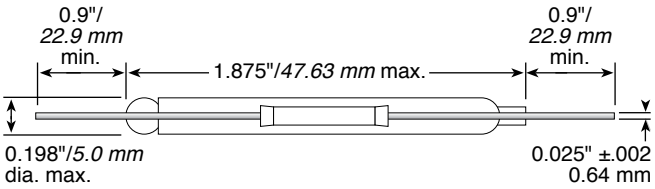
CHARACTERISTICS

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%

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Metal Oxide Resistors ***category:***

Click to view products by Ohmite ***manufacturer:***

Other Similar products are found below :

009260C FA87/180R/5% ROX1SJ4R7 R0229 M012CT52R220J WK80922003900J5C00 434529B WMO5S-100KJA05 ROX1SJ12K ROX1SJ270K 054084X 054211G 054220E 095734G RS02B887R0FE73 RSS2W470RJTB RSS3470RJTB WK202070A1003JD500 ROX3SJR22 WR404140A2208JFE00 RSS551KJ RSS3150RJTB ROX5SJ39K MOSX1CT528R2R20F RSF-25JT-52-120R RSF50SJT-52-330K RSF2WSJT-52-60R RSF-25JT-52-2M RSF50SJT-52-1M RSF100JT-52-360K RSF50SJT-52-22R RSF50SJT-52-15R RSF200JT-73-280R RSF50SJT-52-0R5 RSF-25JT-52-1M2 RSF200JT-73-0R2 RSF-50JT-52-2K5 MO1W-150R±5%-TT63 MO3W-200R±5%-9T73 ROX2SJ4K3 ROX5SJ120R ROX3SJR10 ROX2SJ200K CPF2200R00JKRE6 LVR01R0200FE73 HR1206J47RP05 HR1206J1MP05 HR1206F430KP05 HR1206F680KP05 HR1206J100RP05