



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# 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 hermetic 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

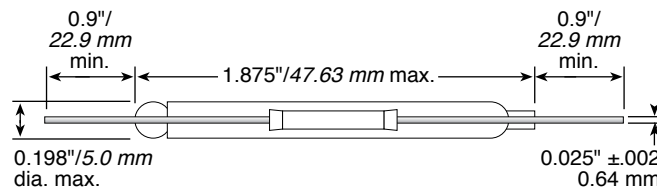
## CHARACTERISTICS

<b>Resistance Range</b>	1M to 10,000,000M
<b>Power Rating</b>	0.5W at 25°C
<b>Voltage Rating</b>	1.0KV
<b>Temperature Coefficient</b>	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

**R X - 1 M 1 0 0 6 F E -** 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%