



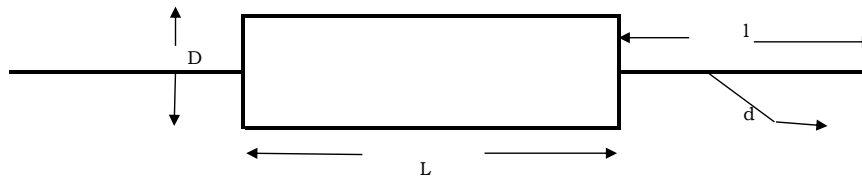
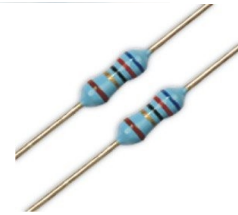
Metal Film Resistors (Miniature) - OMM Series

DESCRIPTION

A homogeneous Film of Nicrom alloy is sputtered deposited on 85 to 98% Alumina Ceramic Rods and conditioned to achieve the desired Temperature Coefficient. Nickel plated caps are firmly pressed on the metallised rods. A special Laser machine is used to achieve the highly precise resistance tolerance by cutting a helical groove in the nicrom film layer. Tin coated electrolytic copper wire are spot welded to the center of the termination caps. The resistor are coated with special epoxy or Flame proof Epoxy for Electrical , Mechanical and climatic protection,colour codes are applied with respect to designated value on coated Resistor.All Resistors are subjected to testing before final taping process.

FEATURES

- Wide Range of Resistors
Low TCR upto 5 ppm/°C
Low Tolerances up to ± 0.01%
Pulse withstanding design available
Flame proof coating available
RoHS Compliant
Custom Built Design and values available



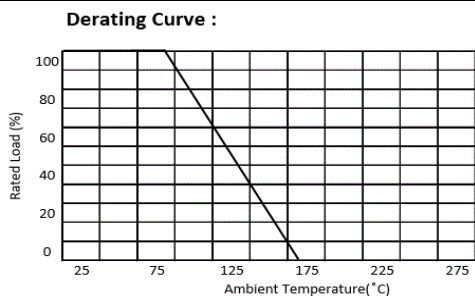
SPECIFICATION

Table with 9 columns: TYPE, WATTAGE, L, D, l, d, Working Voltage, Resistance Range, TCR. Rows include OMM50, OMM60, OMM100, and OMM200.

PERFORMANCE CHARACTERISTIC

Table with 2 columns: Test Name and Requirement. Rows include Tolerance, Short Term Overload, Load Life, Temperature Cycling, Insulation Resistance, DWV Test, Resistance Soldering Heat, Solderability, Resistance to Solvents, Damp Heat Steady State, Vibration, Shock, Low Temp Operation, High Temp Operation, and Terminal Strength.

Derating



Ordering Info

OMM50 100K 1% 50 PPM T/R

*Specifications is subject to change without notice