

Ohmite 40 Series resistors are the most economical conformal silicone-ceramic coated resistors offered. These all-welded units are characterized by their low temperature coefficients and resistance to thermal shock, making them ideal for a wide range of electrical and electronic applications.

Units with 1% and 5% tolerances are identical in construction and electrical specifications. Durable but economical 40 Series resistors exceed industry requirements for quality.

**SPECIFICATIONS**

**MATERIAL**

Coating: Conformal silicone-ceramic. Core: Ceramic. Terminals: Solder-coated copper clad axial lead.

**DERATING**

Linearly from 100% @ +25°C to 0% @ +275°C.

**ELECTRICAL**

Tolerance: ±5% (J type), ±1% (F type) (other tolerances available).

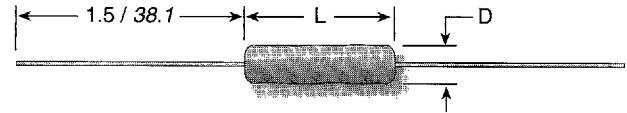
Power rating: Based on 25°C free air rating (other wattages available).

Overload: Under 5 watts: 5 times rated wattage for 5 seconds. 5 watts and over: 10 times rated wattage for 5 seconds.

Temperature coefficient: Under 1W: ±90 ppm/°C 1W to 9.99W: ±50 ppm/°C 10W and over: ±20 ppm/°C

**40 Series**

**Ohmicone® Silicone-Ceramic Conformal Axial Lead Wirewound Resistors 1% and 5% Tolerances Standard**



**FEATURES**

- Economical
Applications include commercial, industrial and communications equipment
Stability under high temperature conditions
All-welded construction
Meets outgassing limits of NASA SP-R-0022A and ASTM E-595
CECC sizes available
Non-inductive available

Table with 7 columns: Series, Wattage, Ohms, Dimensions (Length, Diam), Voltage, Lead ga. Rows include Series 41-40 with their respective specifications.

**STOCK PART NUMBERS FOR STANDARD RESISTANCE VALUES**

Main stock part numbers table with columns for Ohmic value, Part No., Prefix, Suffix, Wattage and Tolerance (1% and 5%). Includes a shaded area for values 2,200 to 30,000 Ohms and a note: 'Shaded values involve very fine resistance wire and should not be used in critical applications without burn-in and/or thermal cycling.'

\* = Most popular stock value
✓ = Stock values
✦ = Non-stock values subject to minimum handling charge per item
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