



CONDUCTION COOLED

GENERAL SPECIFICATIONS:

IMPEDANCE: 50 Ohms \pm 5%.

MECHANICAL TOLERANCE: \pm .010 inch unless otherwise specified.

TEMPERATURE COEFFICIENT: \pm 100 PPM/ $^{\circ}$ C maximum from -55 $^{\circ}$ C to +125 $^{\circ}$ C.

OPERATING TEMPERATURE RANGE: 100 $^{\circ}$ C maximum case temperature.

ENVIRONMENTAL: Meets or exceeds the applicable requirements of MIL-PRF-55342.

POWER RATING: The rated input power is based on a room temperature of 25 $^{\circ}$ C derated linearly to zero power at 150 $^{\circ}$ C.

MATERIALS:

HOUSING: Aluminum or Brass Nickel Plated.

RESISTIVE ELEMENT: Proprietary film.

SUBSTRATE: 3 watt Alumina, all others contain **Beryllium Oxide** Ceramic.

CONTACTS: Brass, Gold Plated per MIL-G-45204.

HOW TO ORDER RFT BY PART NUMBER:

The part number is a combination of model, frequency range, and contact type.

