

# SMA Termination DC to 6 GHz - Miniature

## Electrical

- Frequency Range ----- DC ~ 6 GHz
- Return Loss DC ~ 2 GHz --- 30 dB Max  
2 ~ 4 GHz --- 25 dB Max  
4 ~ 6 GHz --- 20 dB Max
- Impedance ----- 50 Ohms
- RF Power  
\* Nominal ----- 1 Watt Average at 25°C  
Derated Linearly to  
0.5 Watt at 125°C

## Material

- Resistive Element -- Thin Film
- Resistor Substrat -- Alumina Ceramic
- Body ----- Ternary-alloy Plated Brass
- Center Contact----- Gold plated Brass
- Hex-nut----- Ternary-alloy plated Brass

## Environmental Data

- Temperature range----- -55 °C ~ 125 °C
- Corrosion (Salt spray)--- MIL-STD-202 method 101 condition B
- Vibration ----- MIL-STD-202 method 204 condition D
- Shock ----- MIL-STD-202 method 213 condition I
- Thermal Shock----- MIL-STD-202 method 107 condition B
- Moisture Resistance----- MIL-STD-202, method 106

