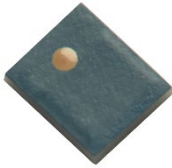


Surface Mount RF Termination
20 Watts, 50Ω



Description:

The C20N50Z4B is a high performance Aluminum Nitride (AlN) surface mount termination. The termination is designed particularly for LTE and 5G frequency bands and is well suited for all other cellular frequency bands such as; AMPS, GSM, DCS, PCS, PHS and UMTS. The high power handling makes the part ideal for terminating high power 90 degree couplers and for use in microstrip circuits. The termination is also RoHS compliant!

Features:

- RoHS Compliant
- 20 Watts
- AlN Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested
- Small Size

General Specifications:

| | |
|------------------------------|-------------------------------------|
| Resistive Element | Thick film |
| Substrate | AlN Ceramic |
| Terminal Finish | Matte Tin over Nickel Barrier |
| Operating Temperature | -50 to +150°C (see de rating chart) |

Electrical Specifications:

| | |
|-------------------------|---------------|
| Power: | 20 Watts |
| Frequency Range: | DC – 6.0 GHz |
| Return Loss | >20 dB to GHz |

Specification based on unit properly installed using suggested mounting instructions and a 50 ohm nominal impedance. **Specifications subject to change.**

Outline Drawing:

