

Chip Termination 15 Watts, 50Ω



Description

The A15N50X4 is high performance Aluminum Nitride Chip termination intended as a low cost alternative to BeO. The termination is well suited to all cellular frequency bands such as; AMPS, GSM, DCS, PCS, PHS and UMTS. The termination is also RoHS compliant!

General Specifications

Resistive Element	Thick film
Substrate	AlN Ceramic
Terminal Finish	Matte Tin over Nickel Barrier
Operating Temperature	-55 to +200°C (see de rating chart)

Tolerance is ± 0.010 ", unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. **All dimensions in inches.**

Electrical Specifications

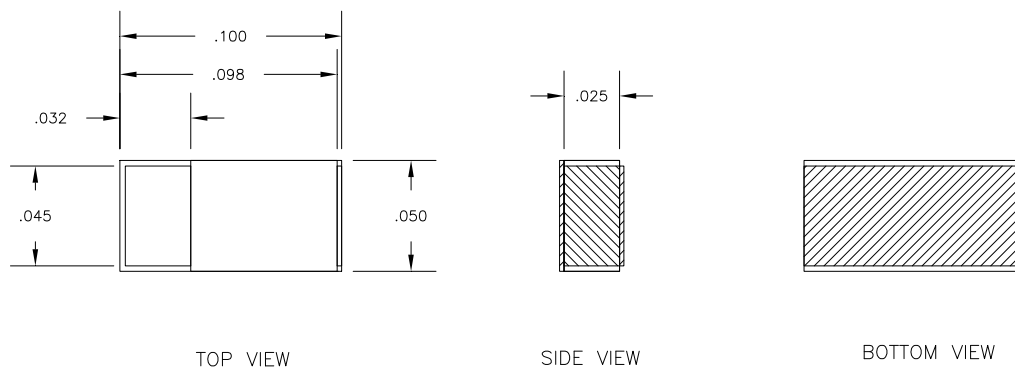
Resistance Value:	50 Ohms, $\pm 2\%$
Power:	15 Watts
Frequency Range:	DC – 4.5 GHz
Return Loss	>20 dB

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

Features:

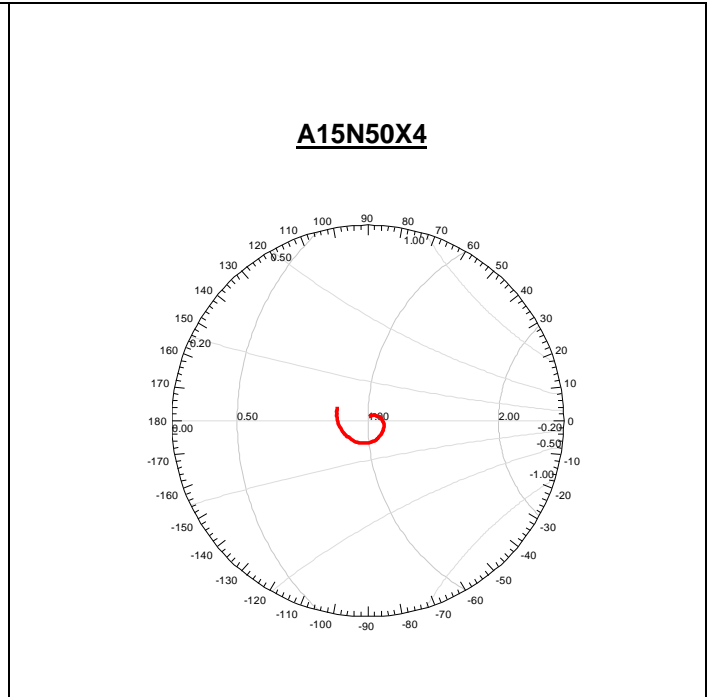
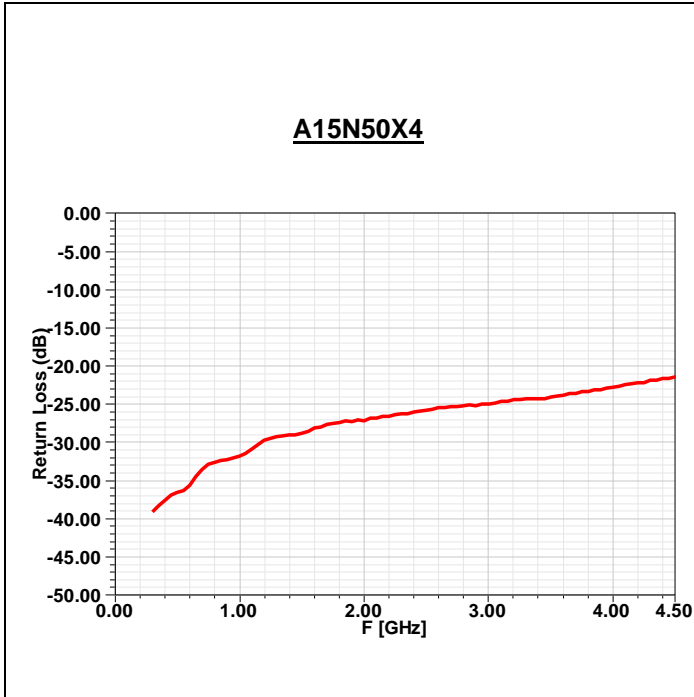
- RoHS Compliant
- 15 Watts
- DC – 4.5 GHz
- AlN Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested
- Small Size

Outline Drawing

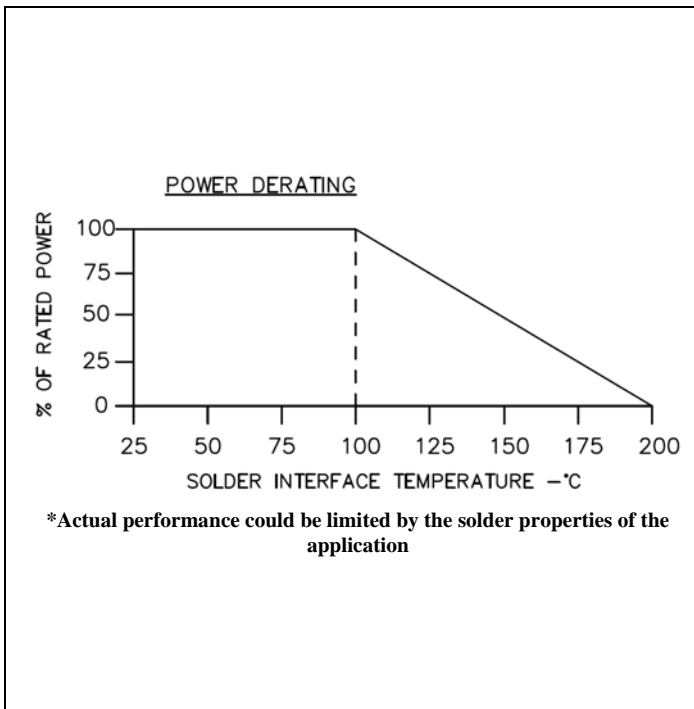


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

Typical Performance:



Power De-rating:



Mounting Footprint and Procedure:

