

Features

- DC to 5 GHz
- Terminal for lead attachment
- Low VSWR
- Aluminum Nitride substrate



This series is currently available but not recommended for new designs.

Applications

- Drop-In isolators
- Hybrid couplers
- RF power amplifiers

CHF3523xNT Series Power RF Chip Termination

General Specifications

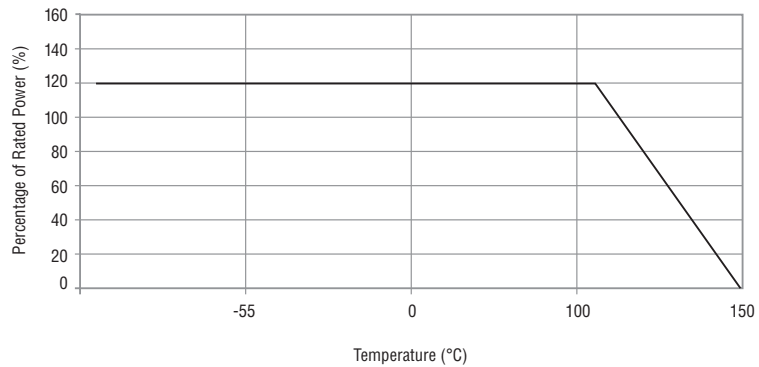
Substrate ALN
 Resistor Thick Film
 Resistance 50 W
 Tolerance ±5 %
 Packaging 100 pcs./bag

Absolute Ratings

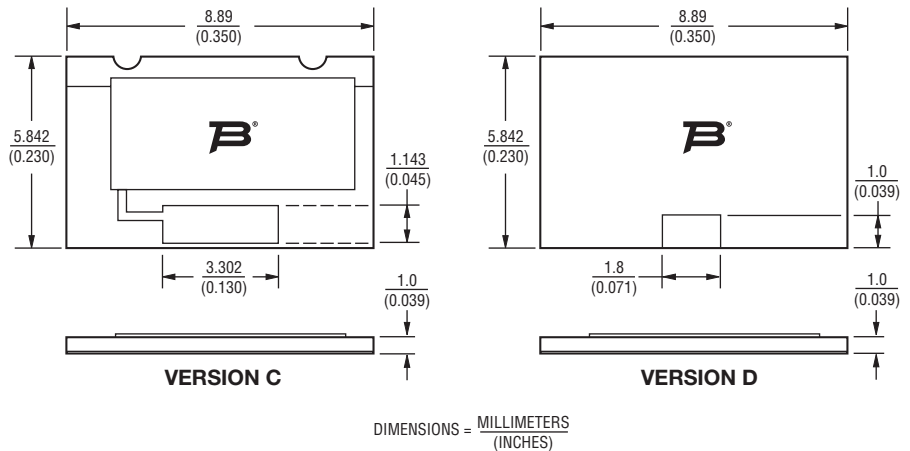
Power
 Version C 150 W
 Version D 100 W
 Frequency
 Version C 3 GHz
 Version D 5 GHz
 VSWR*
 Version C 1.2 Maximum
 Version D 1.1 Maximum

*VSWR <1.06 for Frequency <3.5 GHz.

Derating Curve



Product Dimensions



How To Order

CHF 3523 x N T 500 L W

Model _____

Size _____

Version
 C = 150 W, 3 GHz
 D = 100 W, 5 GHz

Substrate _____

Mount
 T = Tab

Value
 500 = 50 Ohm

Function
 L = Termination

Finish
 W = Tin Plated

REV. 12/15

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.