

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

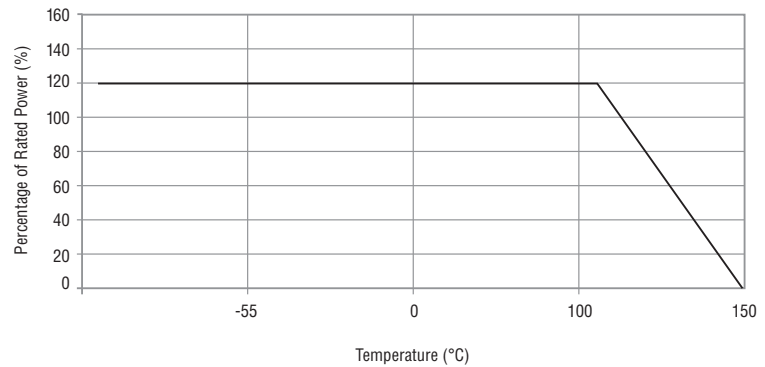
SubstrateALN
ResistorThick Film
Resistance50 W
Tolerance±5 %
Packaging 100 pcs./bag

Absolute Ratings

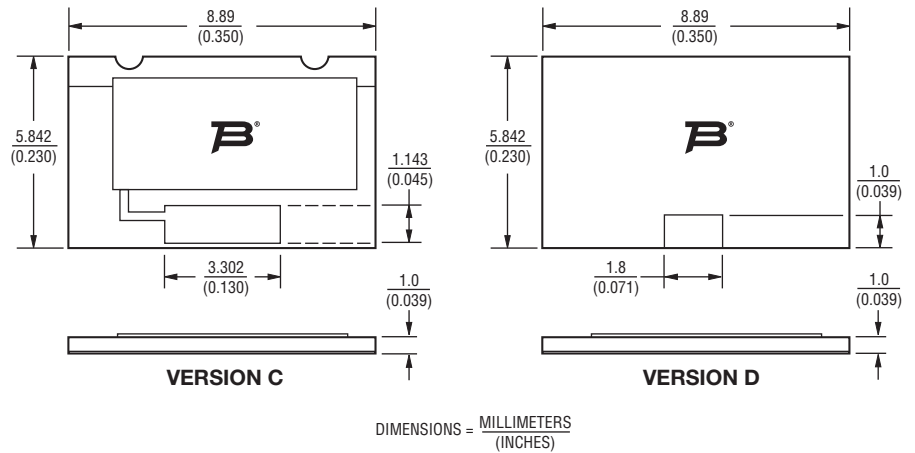
Power
Version C150 W
Version D100 W
Frequency
Version C3 GHz
Version D5 GHz
VSWR*
Version C 1.2 Maximum
Version D 1.1 Maximum

*VSWR <1.06 for Frequency <3.5 GHz.

Derating Curve



Product Dimensions



How To Order

Model _____ CHF 3523 x N T 500 L W

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.