

## Features

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

## Applications

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

# CHF3523xNT Series Power RF Chip Termination

### General Specifications

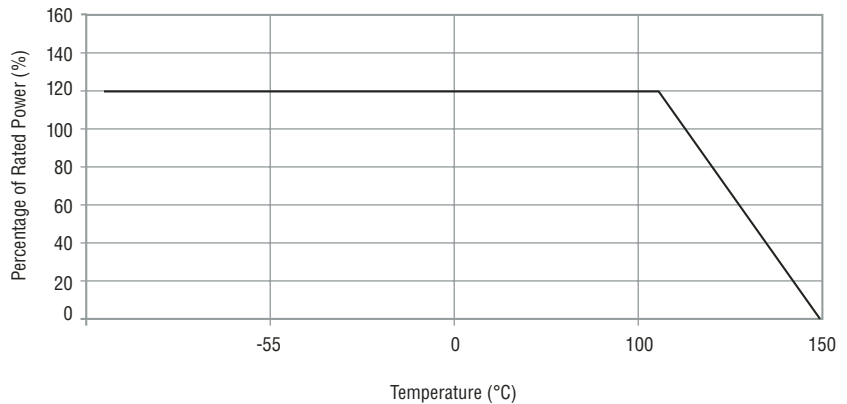
Substrate.....ALN  
 Resistor.....Thick Film  
 Resistance.....50 Ω  
 Tolerance.....±5 %  
 Packaging .....100 pcs./bag

### Absolute Ratings

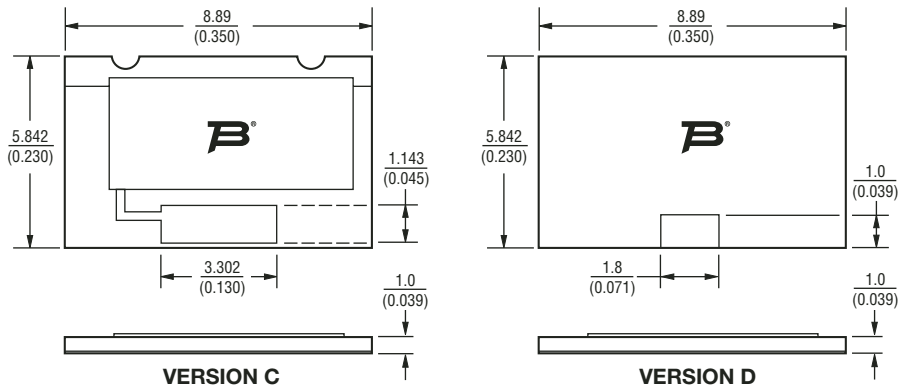
Power  
 Version C .....150 W  
 Version D .....100 W  
 Frequency  
 Version C .....3 GHz  
 Version D .....5 GHz  
 VSWR\*  
 Version C .....1.2 Maximum  
 Version D .....1.1 Maximum

\*VSWR <1.06 for Frequency <3.5 GHz.

### Derating Curve



### Product Dimensions



DIMENSIONS =  $\frac{\text{MILLIMETERS}}{\text{(INCHES)}}$

### 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



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\*RoHS Directive 2002/95/EC Jan 27 2003, including Annex  
 Specifications are subject to change without notice.  
 Customers should verify actual device performance in their specific applications.