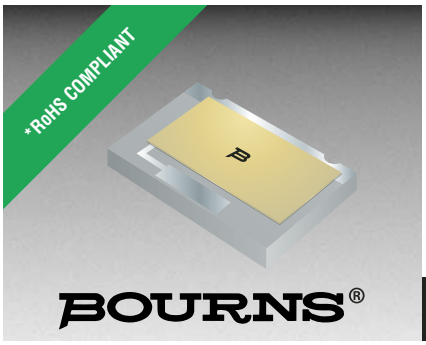


Features

- 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

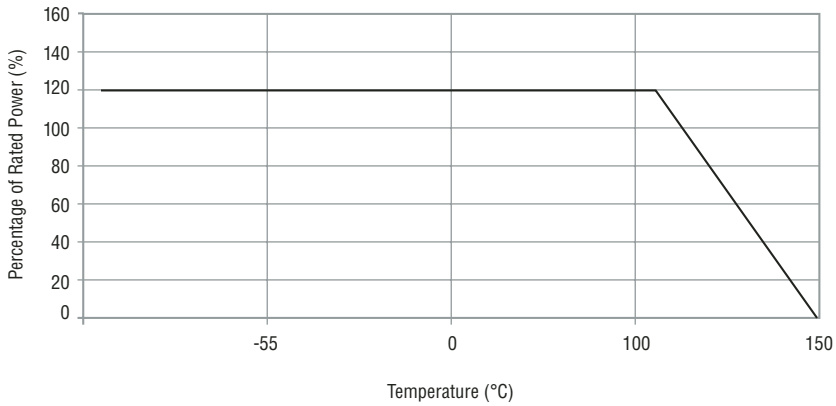
Substrate.....ALN
Resistor.....Thick Film
Resistance.....50 Ω
Tolerance.....±5 %
Packaging.....100 pcs./bag

Absolute Ratings

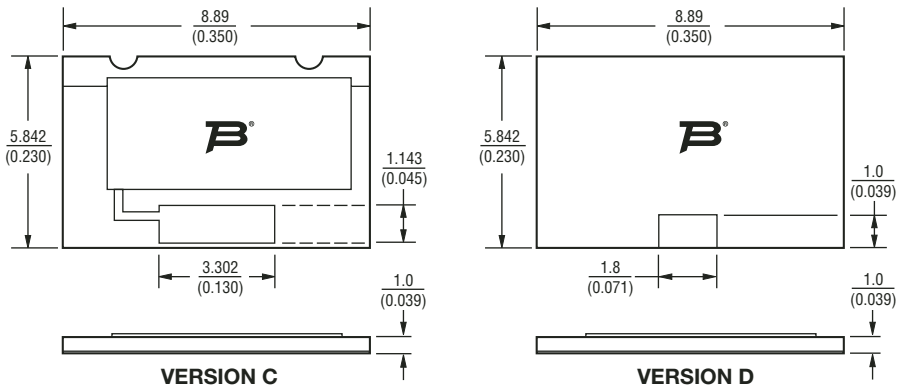
Power
  Version C.....150 W
  Version D.....100 W
Frequency
  Version C.....3 GHz
  Version D.....5 GHz
VSWR*
  Version C.....1.2 Maximum
  Version D.....1.1 Maximum

**VSWR <1.06 for Frequency <3.5 GHz.*

Derating Curve



Product Dimensions



DIMENSIONS = MILLIMETERS / (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.