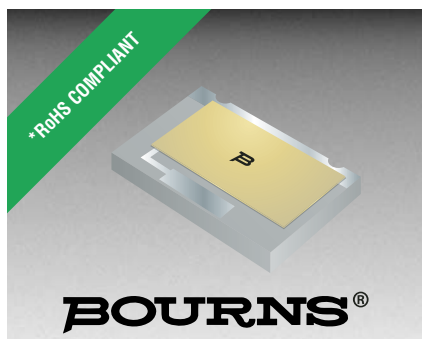




Features

- 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

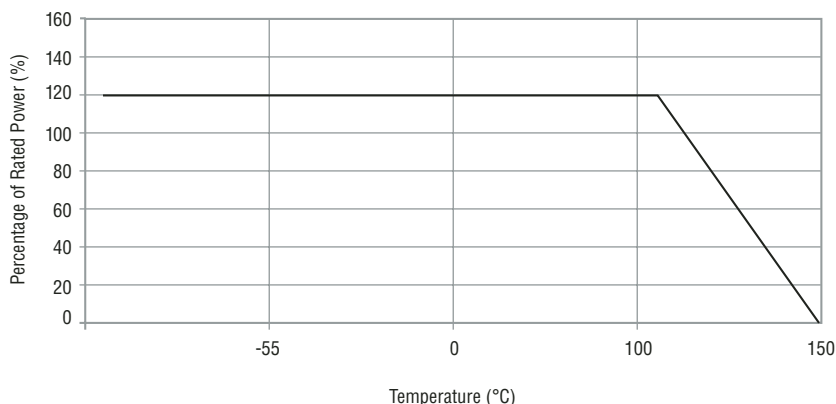
Substrate.....ALN
Resistor.....Thick Film
Resistance.....50 Ω
Tolerance..... $\pm 5\%$
Packaging.....100 pcs./bag

Absolute Ratings

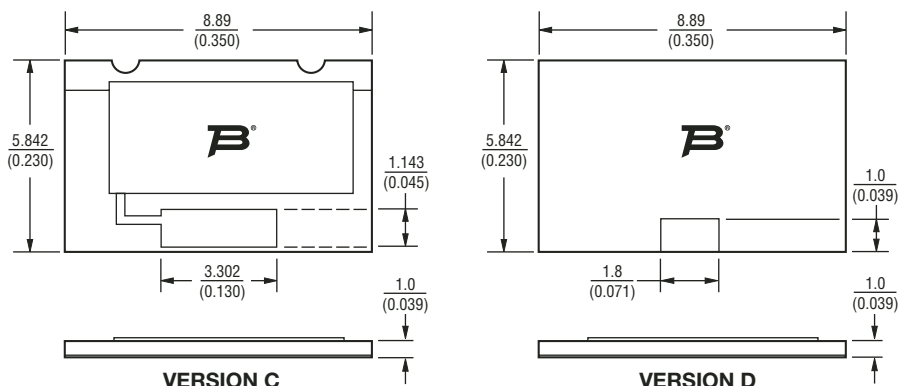
Power
Version C.....150 W
Version D.....100 W
Frequency
Version C.....3 GHz
Version D.....5 GHz
VSWR*
Version C.....1.2 Maximum
Version D.....1.1 Maximum

*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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