

## Features

- DC to 3.0 GHz
- Flanged model
- Low VSWR
- Aluminium Nitride ceramic



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

## Applications

- High power RF transmission

# CHF8838xNF Series 150 W Power RF Flanged Chip Termination

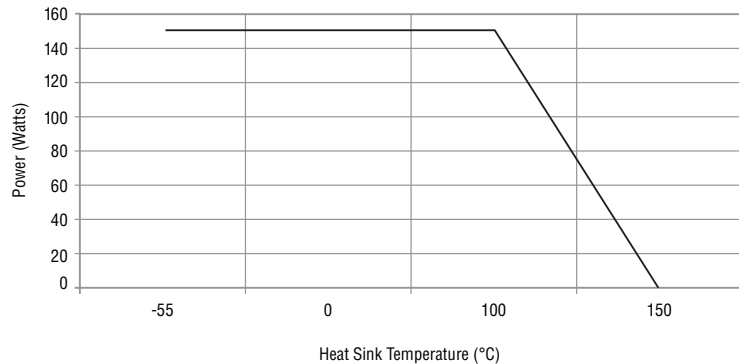
### General Specifications

Substrate ..... ALN  
 Resistive Film ..... Thick Film  
 Tab ..... Ag  
 Tab Attachment  
 Version C ..... Brazed with epoxy encapsulation  
 Version G .. Brazed with alumina cover  
 Mounting Flange ..... Cu plated with Ni  
 Resistance ..... 50 Ω  
 Tolerance ..... ±5 %  
 Packaging ..... 60 pcs./tray

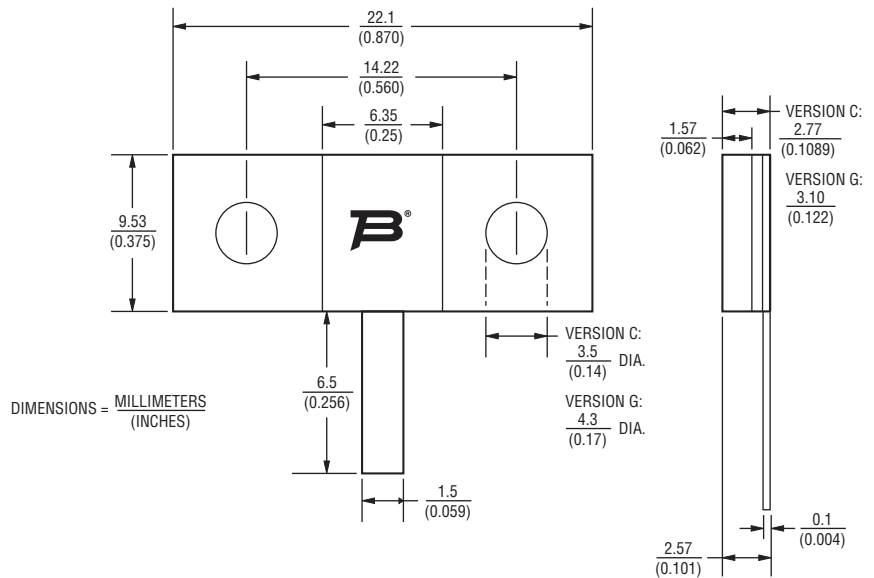
### Absolute Ratings

Power ..... 150 W  
 Frequency ..... 3.0 GHz  
 VSWR  
 Version C ..... 1.2 maximum  
 Version G ..... 1.1 maximum

### Characteristic Curve



### Product Dimensions



### How To Order

Model \_\_\_\_\_ CHF 8838 C N F 500 L

Size \_\_\_\_\_

Version (See Product Dimensions) \_\_\_\_\_  
 C = Without Alumina Cover  
 G = With Alumina Cover

Substrate \_\_\_\_\_

Mount \_\_\_\_\_  
 F = Flange

Value \_\_\_\_\_  
 500 = 50 Ohms

Function \_\_\_\_\_  
 L = Termination

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.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [High Frequency/RF Resistors](#) category:*

*Click to view products by [Bourns](#) manufacturer:*

Other Similar products are found below :

[800-50T-S](#) [10-100RV-S](#) [100200-4X50-2](#) [100200-4Y100-2](#) [100200-4Y50-2](#) [E250N50X4](#) [250-100RM-S](#) [250-50RM](#) [150-100RL-S](#)  
[A4B50X1A](#) [10-50TV](#) [G150N50W4B](#) [250-50TC](#) [60N50TPC](#) [R1A06031000G5AR](#) [400-50R-S](#) [30-300R-S](#) [CH0402-20RJPW](#) [C1A50Z4](#)  
[60N50TPR](#) [400-50T](#) [060120A25X50-2](#) [60-50TP](#) [250375-4X50-2](#) [30-100R-S](#) [40-50TPP](#) [A5B50X1A](#) [CH02016-150RGFTA](#) [CH0402-](#)  
[75RGFTA](#) [CH0402-330RGFTA](#) [CH0402-150RGFTA](#) [CH0402-18RJFTA](#) [CH0402-10RJFTA](#) [CH02016-75RGFTA](#) [CH0402-100RGFTA](#)  
[C150N50Z4](#) [FT10302N0050JBK](#) [CR11005T0100JTR](#) [FT10800N0050JBK](#) [CZ12010T0050GTR](#) [G100N50W4](#) [J100N50X4](#)  
[FC0402E2000DTT5](#) [CR12010T0050JTR](#) [FC0402E3300DTT5](#) [CH0402-100RFNPT](#) [FC0402E50R0BTBS](#) [CH02016-18RJFT](#)  
[FT10301N0050J](#) [CS12010T0100GTR](#)