

### Features

- DC to 3.0 GHz
- Flanged model
- Low VSWR
- Beryllium Oxide ceramic



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

### Applications

- High power RF transmission
- Power Dividers/Combiners

## CHF9838CBF Series 250 W Stripline Termination and Resistor

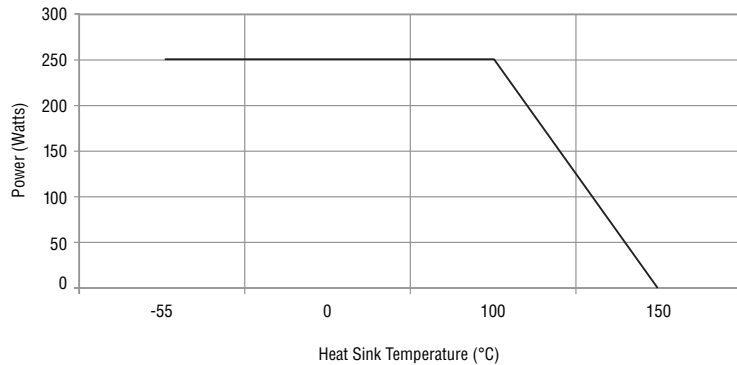
### General Specifications

Substrate .....Beo  
 Resistive Film .....Thick Film  
 Tab .....Ag  
 Cover Substrate ..... AL203  
 Mounting Flange ..... Cu plated with Ni  
 Resistance ..... 12.5, 25, 50 or 100 ohms  
 Tolerance ..... ±5 %  
 Capacitance (Resistor Only) ..... 4.1 pF  
 Packaging ..... 60 pcs./tray

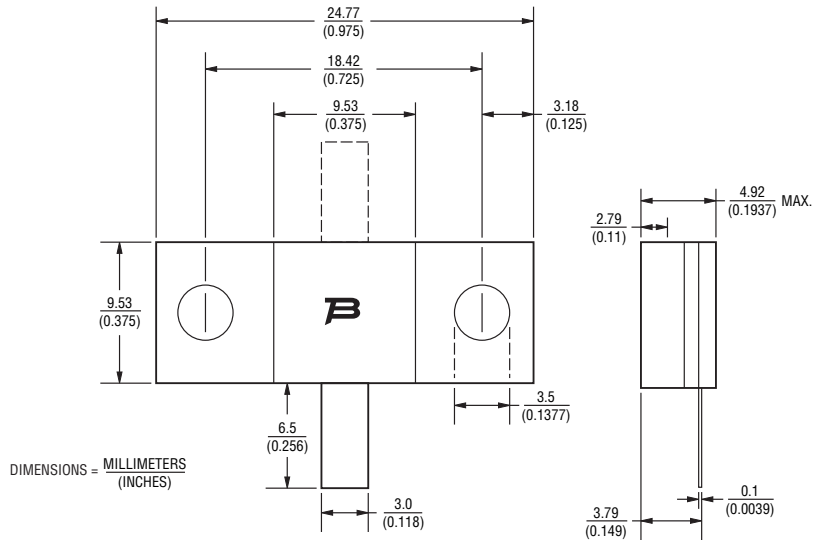
### Absolute Ratings

Power .....250 W  
 Frequency .....3.0 GHz  
 VSWR ..... 1.25 Maximum

### Characteristic Curve



### Product Dimensions



### How To Order

**CHF 9838 C B F 500 L**

Model \_\_\_\_\_

Size \_\_\_\_\_

Version \_\_\_\_\_

Substrate \_\_\_\_\_

Mount \_\_\_\_\_

F = Flange

Value \_\_\_\_\_

12R5 = 12.5 Ohms (Resistor Only)  
 250 = 25 Ohms (Resistor Only)  
 500 = 50 Ohms (Resistor and Termination)  
 101 = 100 Ohms (Resistor and Termination)

Function \_\_\_\_\_

L = Termination  
 R = Resistor

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.