

Features

- DC to 1 GHz
- Flanged model
- Low VSWR
- 12.5, 25, 50 and 100 ohm resistance values available



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

Applications

- High power RF transmission

CHF190104xBF Series 800 W Power RF Flanged Chip Termination/Resistor

General Specifications

SubstrateBeo
 Resistive FilmThick Film
 TabAg
 Cover Substrate AL203
 Mounting Flange Cu plated with Ni
 Resistance 12.5, 25, 50 or 100 ohms
 Tolerance ±5 %
 Packaging 20 pcs./tray

Absolute Ratings

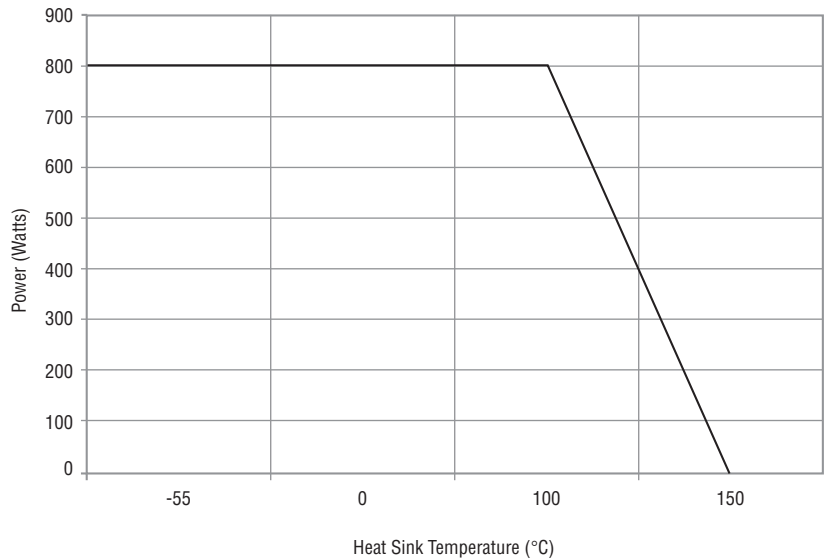
Power800 W
 Frequency 1.0 GHz
 VSWR 1.2 Maximum

How To Order

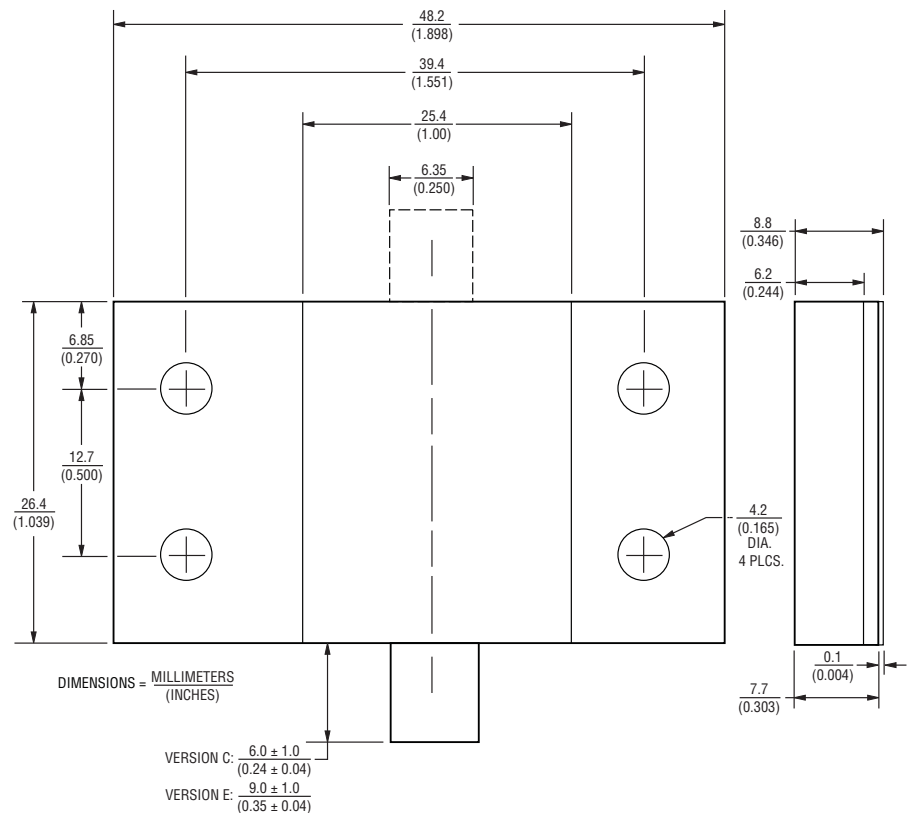
CHF 190104 C B F 500 L

Model _____
 Size _____
 Version (See Product Dimensions) _____
 C
 E (Version E only exists for Terminations)
 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 (See Product Dimensions)

Characteristic Curve



Product Dimensions



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.

Mouser Electronics

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Bourns:

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