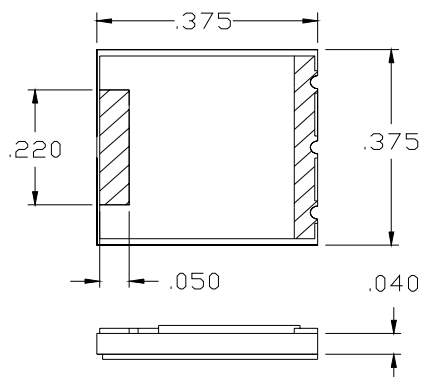


ALUMINUM NITRIDE

CHIP TERMINATION

Features:

- ♦ Aluminum Nitride Material
- ♦ DC - 3 GHz Performance
- ♦ 250 Watt Input Power
- ♦ Solder Mountable

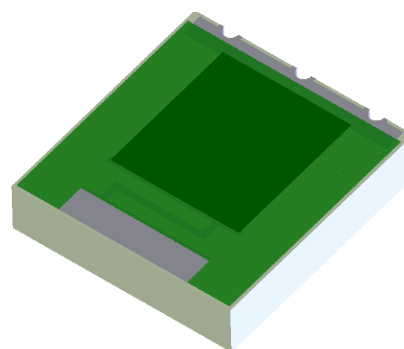


Mounting surface
to Heat Sink

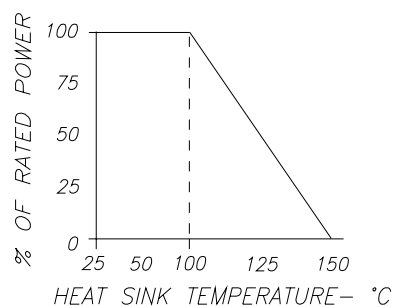
Dimensions in inches
Tolerance $\pm .010$
unless otherwise stated

General Description:

The TVC3737CT-50R0JN-2T-04 is a 50 ohm, Aluminum Nitride chip termination. It has an input power of 250 watts, while maintaining a constant mounting surface temperature of 100°C. It offers a frequency range from DC to 3 GHz.



DERATING CURVE:



Parameter	Min.	Typ.	Max.	Units
Frequency Range	DC		3	GHz
Input Return Loss	19	25		dB
Input Power			250	Watts
Resistance	47.5	50	52.5	Ohms
Mounting Surface Temperature			100	°C

Barry Industries reserves the right to change part number and or process without notification.

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Barry Industries maintains an ISO 9001 Certified Quality Management System

Origination Date	Revision Date	Rev.
11/05/03	04/18/08	C