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# TVC3523CT-50R0GN-2T



## ALUMINUM NITRIDE

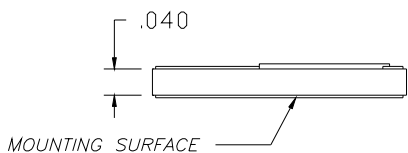
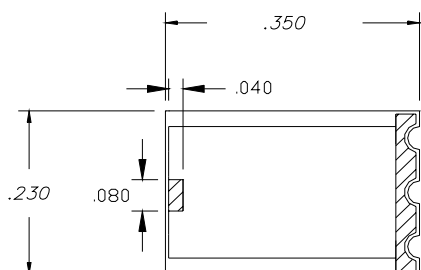
## CHIP TERMINATION

### Features:

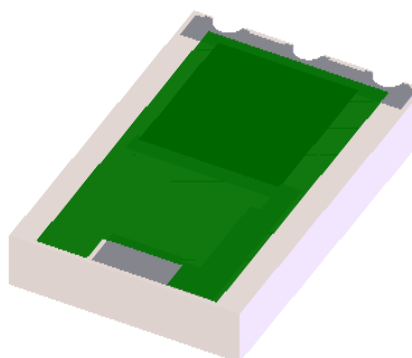
- ◆ Aluminum Nitride Material
- ◆ DC - 4 GHz Performance
- ◆ 100 Watt Input Power
- ◆ Solder Mountable

### General Description:

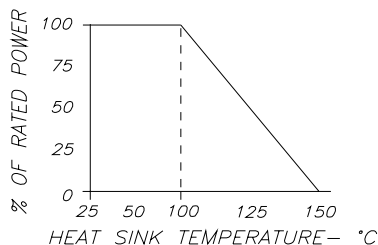
The TVC3523CT-50R0GN-2T is an Aluminum Nitride chip termination. It has an input power of 100 watts, while maintaining a constant mounting surface temperature of 100°C. It offers a frequency range from DC to 4 GHz.



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



DERATING CURVE:



Parameter	Min.	Typ.	Max.	Units
Frequency Range	DC		4	GHz
Input Return Loss	20			dB
Input Power			100	Watts
Resistance	49	50	51	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.
05/23/08	05/23/08	-