

# Anaren

## Model C16N50Z4A

**RoHS  
Compliant**

**Surface Mount Termination  
16 Watts, 50Ω**



### General Specifications

<b>Resistive Element</b>	Thick film
<b>Finish</b>	Matte Tin over Sulfamate Nickel
<b>Substrate</b>	ALN

### Electrical Specifications

<b>Resistance value:</b>	50 ohms
<b>Frequency Range;</b>	DC – 3.0 GHz
<b>Power:</b>	16 Watts
<b>VSWR:</b>	<1.25:1

Tolerance is  $\pm 0.010"$ , unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. Operating temperature is -55°C to 125°C (see chart for derating temperatures).

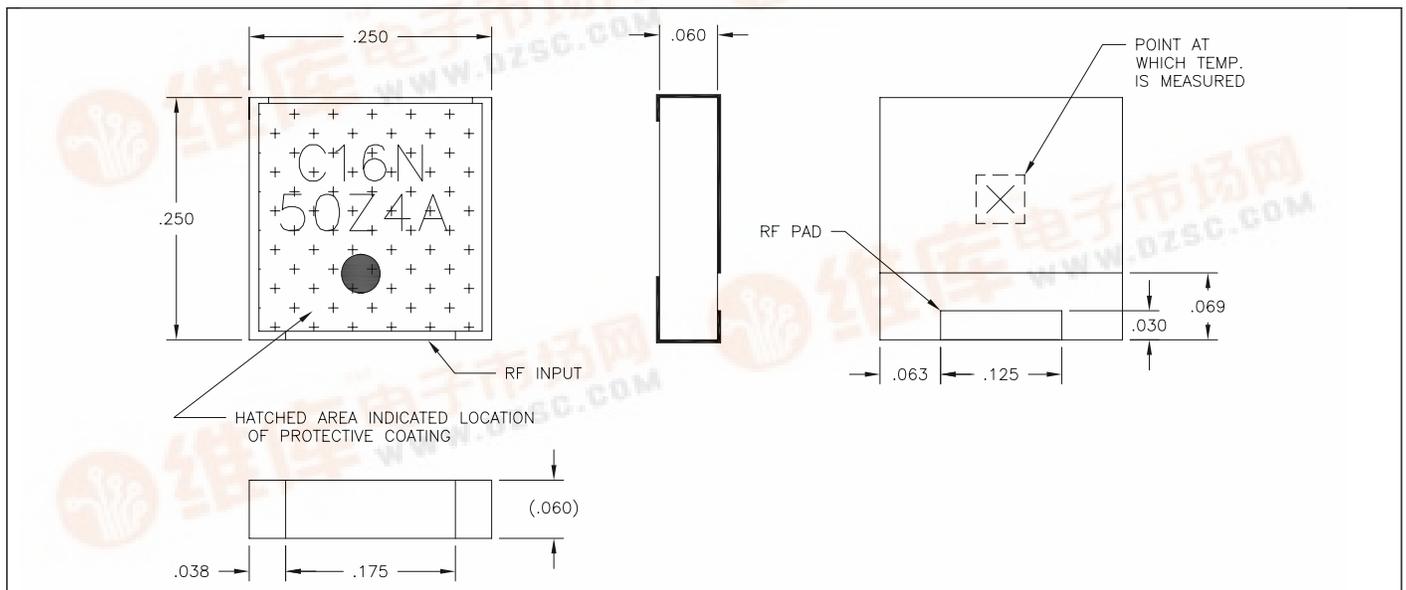
All dimensions in inches.

Specifications subject to change with out notice.

### Features:

- DC – 3.0 GHz
- 16 Watts
- ALN Ceramic
- Non-Nichrome Resistive Element
- 100% Tested
- RoHS Compliant

### Outline Drawing

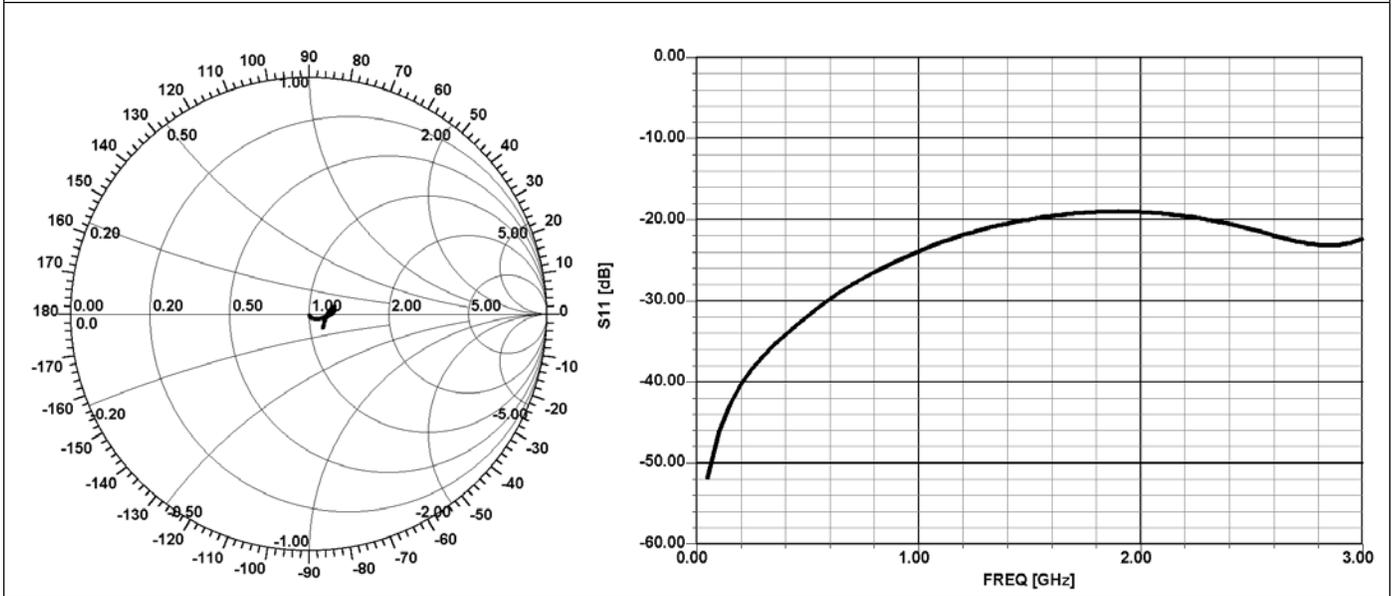


C16N50Z4A (097) Rev B



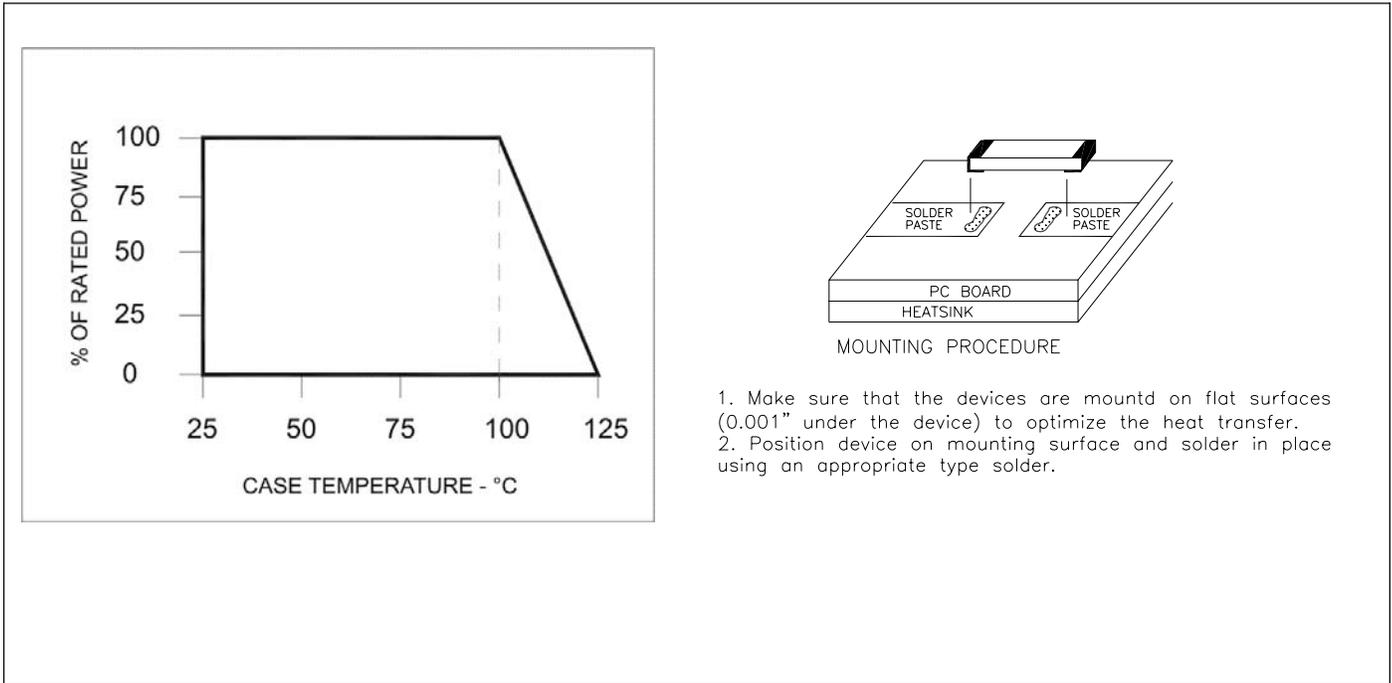


**Typical Performance:**



**Power De-rating:**

**Mounting Procedure:**



1. Make sure that the devices are mounted on flat surfaces (0.001" under the device) to optimize the heat transfer.
2. Position device on mounting surface and solder in place using an appropriate type solder.

C16N50Z4A (097) Rev B

