

Antenna Solutions

## 2400 - 2483.5 MHz - Single Band Antenna

(802.11 b/g, includes frequencies of Bluetooth, ZigBee, and Wi-Fi products)

## Part Number: 1513349-1

## **Product Facts**

- Small and lightweight.
- Available in tape & reel.
- RoHS compliant

### **Recommendations**

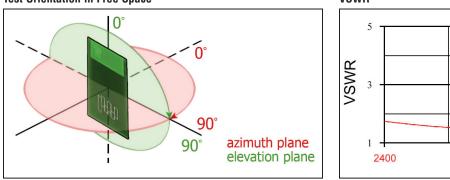
- Minimum or no matching circuits required.
- Bandwidth and performance is dependent on ground plane size. Suggested minimum ground plane length from the antenna feed is 30 mm.
- PCB ground is to be on top layer.



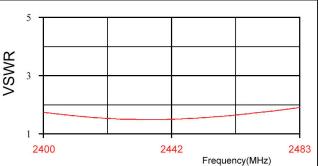
### **Specifications**

Frequency Range (MHz)	2400 –2483.5
Peak Gain	0 dBi
VSWR	< 2.0:1
Polarization	Linear, Vertical
Power Handling	10 Watt cw
Feed Point Impedance	50 Ohms unbalanced
Size	18.03 mm x 3.76 mm x 1.57 mm
Weight	< 0.5 g.
Mounting	Surface-mount technology. See page 2
Keep Out Area	See diagram on page 2

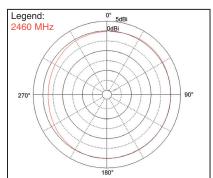
## **Test Orientation in Free Space**



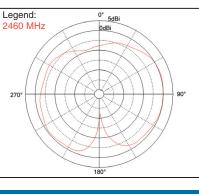
# VSWR



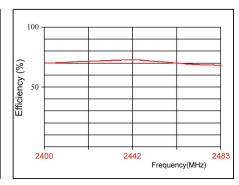
### Azimuth



### Elevation







Catalog 3-1773459-2 Revised 03-11

www.te.com www.antenna.te.com Dimensions are in inches and millimeters unless otherwise sspecified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

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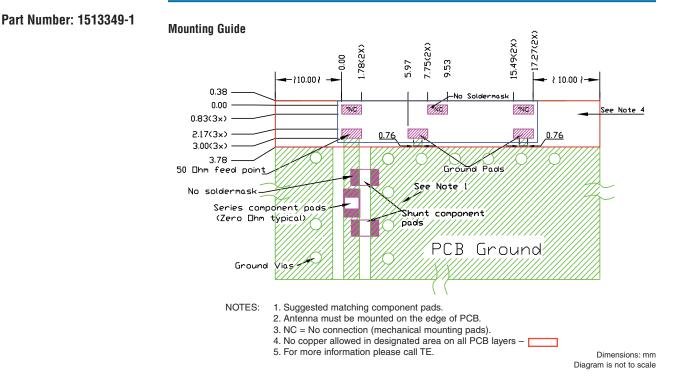
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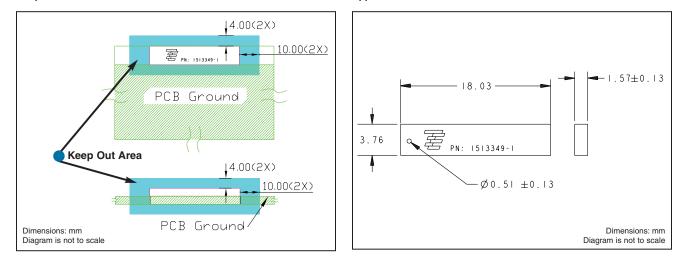
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### **Keep Out Area**

Approx. Dimensions



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Consult TE for the latest dimensions and design specifications.

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#### 2

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