

Antenna Solutions

2400 - 2483.5 MHz Single Band Antenna

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

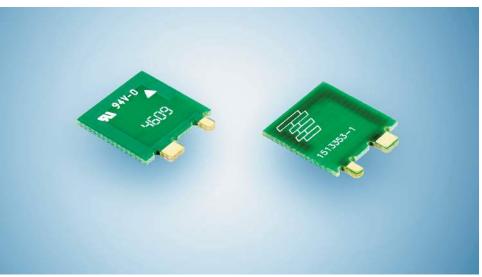
Part Number: 1513353-1

Product Facts

- This small embedded antenna provides the most reliable easy-to-use, and adjustment-free antenna technology for handling during assembly and implementation by developers.
- RoHS compliant

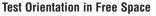
Recommendations

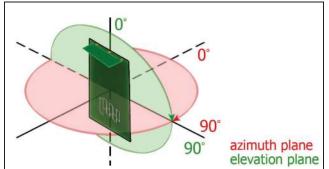
- Minimum or no matching circuits required.
- Bandwidth and performance is dependent on ground plane size. Suggested minimum ground plane length from the antenna feed is 30 mm.



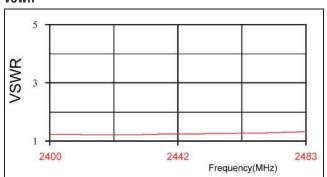
Specifications

Frequency Range (MHz)	2400 – 2483.5
Peak Gain	+ 2 dBi
VSWR	< 2.0:1
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Power Handling	10 Watt cw
Feed Point Impedance	50 Ohms unbalanced
Size	12.70 mm x 12.70 mm x 0.78 mm
Weight	< 0.5 g.
Mounting	Tab mounted with plated through holes. See page 2
Keep Out Area	See diagram on page 2





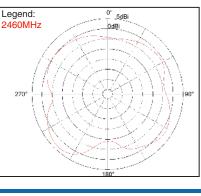
VSWR



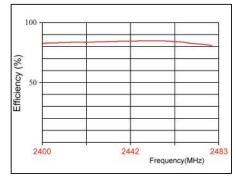
Azimuth



Elevation



Efficiency



Catalog 3-1773459-3 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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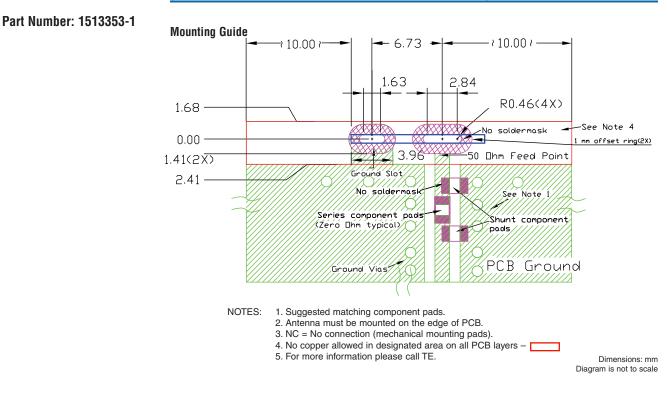
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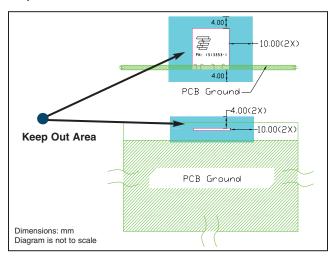
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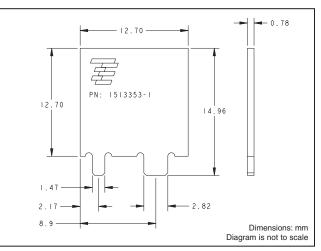
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Keep Out Area



Approx. Dimensions



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Consult TE for the latest dimensions and design specifications.