

2400 – 2500 & 5150 – 5875 MHz Dual Band Antenna

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

Part Number: 2108517-2

Product Facts

- This dual WIFI antenna
- Provides available SMT method
- Easy-to-use
- RoHS compliant
- Available in tape & reel



Recommendations

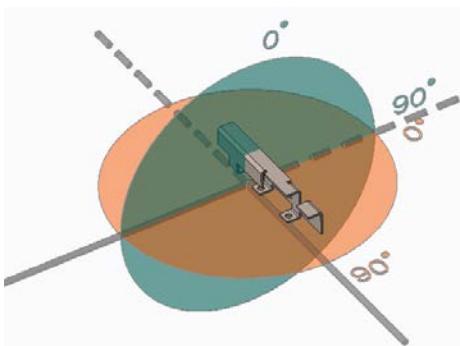
- Minimum matching circuits required
- This antenna provides very high performance And broad Bandwidth.
- Bandwidth and performance is dependent on ground plane size.

Specifications

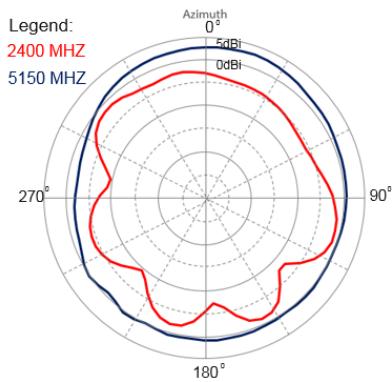
Frequency Range(MHz) --
 2400-2500; 5150-5875
 Peak Gain-- +3dBi
 VSWR--<3.0:1
 Azimuth Beamwidth—Omni directional
 Power Handling— 3 Watt cw

Feed Point Impedance—50 ohms
 Size—22.75*2.4*4.8mm
 Weight— 0.33g
 Mounting—Surface-mount
 Keep Out Area—See diagram on page 2

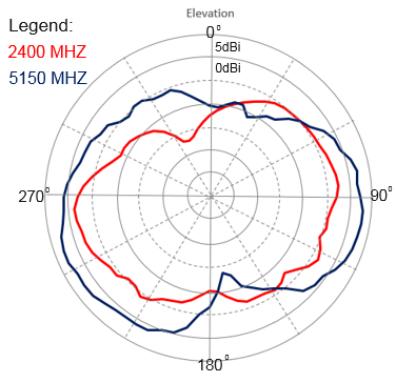
Test Orientation in Free Space



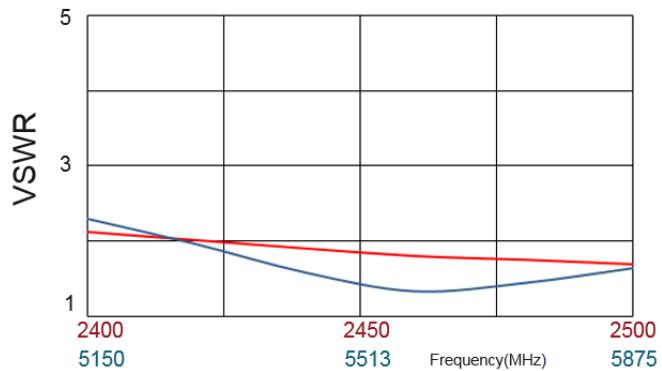
Azimuth



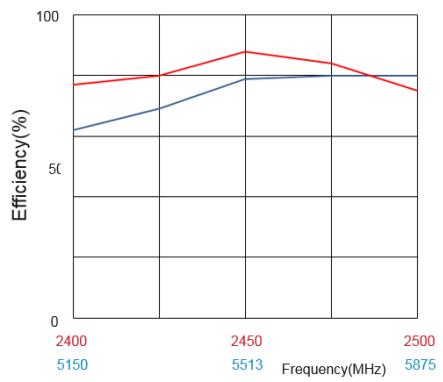
Elevation



VSWR



Efficiency



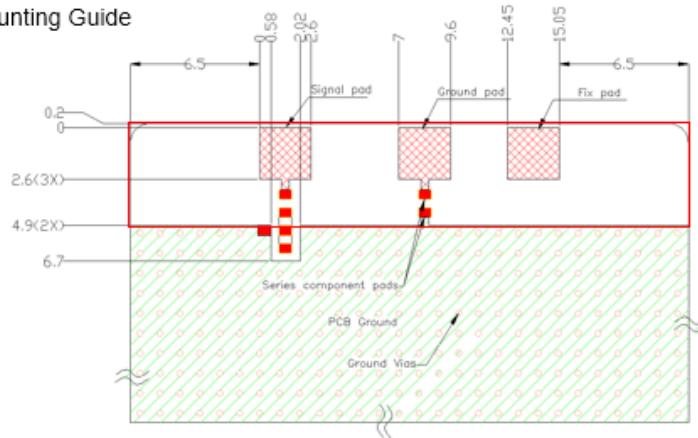
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(Continued)

Mounting Guide



NOTES: 1. Suggested matching component pads.

2. Antenna must be mounted on the edge of PCB.

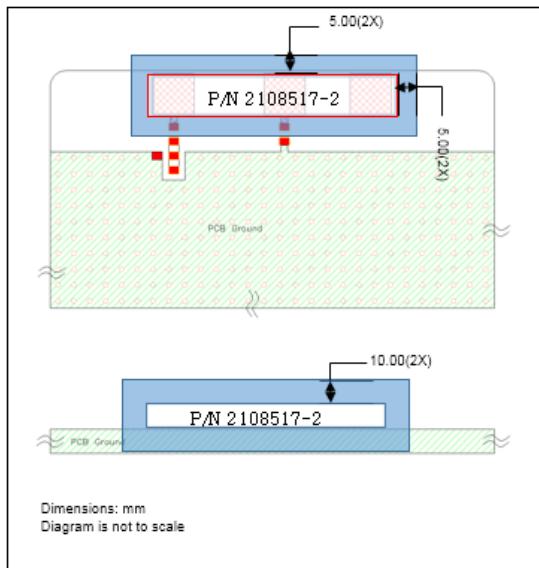
3. NC = No connection (mechanical mounting pads).

4. No copper allowed in designated area on all PCB layers - 

5. For more information please call TE.

Dimensions: mm
Diagram is not to scale

Keep Out Area



Approx. Dimensions

