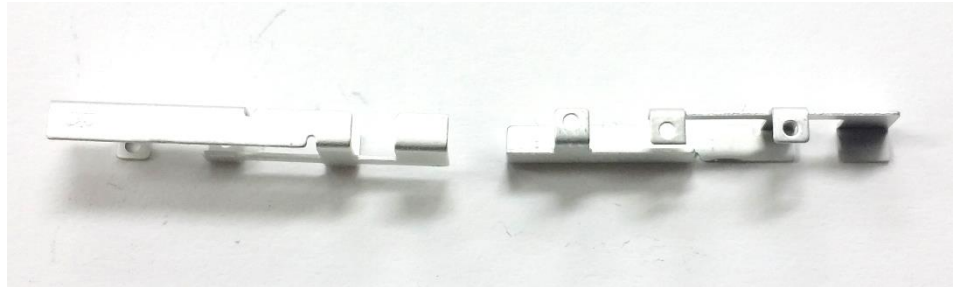


**2400 – 2500 & 5150 – 5875 MHz Dual Band Antenna**  
 (802.11 a/b/g/n, includes frequencies of Bluetooth, ZigBee, and Wi-Fi products)

**Part Number: 2108517-1**

**Product Facts**

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



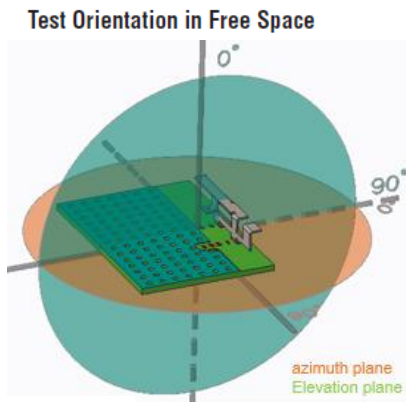
**Recommendations**

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

**Specifications**

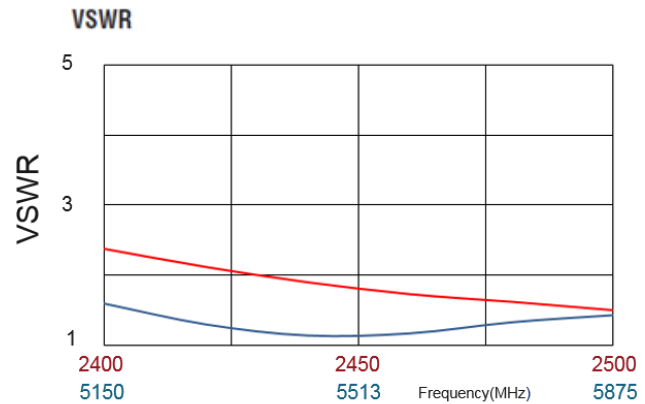
Frequency Range(MHz) -- 2400-2500; 5150-5875  
 Peak Gain-- +3dBi  
 VSWR-- <2.5:1  
 Azimuth Beamwidth—Omni directional  
 Power Handling— 10 Watt cw

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  
 Reflow Temperature : 240°C Pb free solder process capable  
 Operating Temperature Limit : -40~+85°C

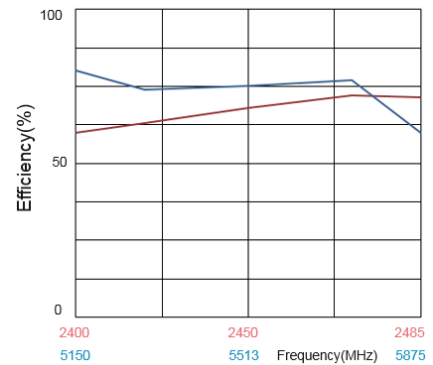
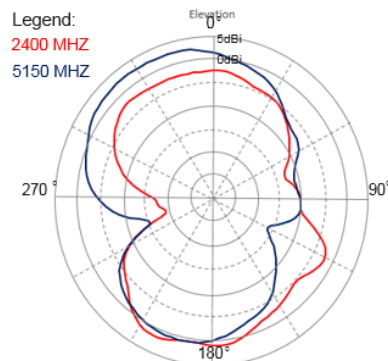
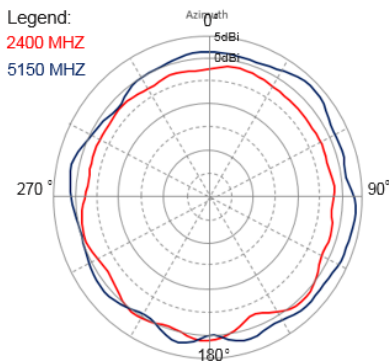


**Azimuth**

**Elevation**



**Efficiency**

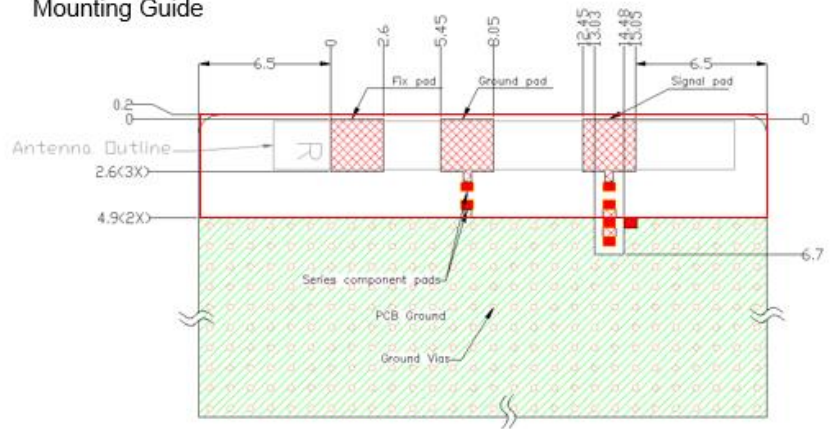


**2400 – 2500 & 5150 – 5875 MHz Dual Band Antenna**  
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(Continued)

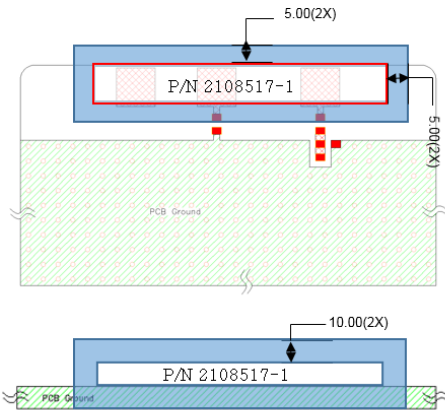
Mounting Guide



- 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.

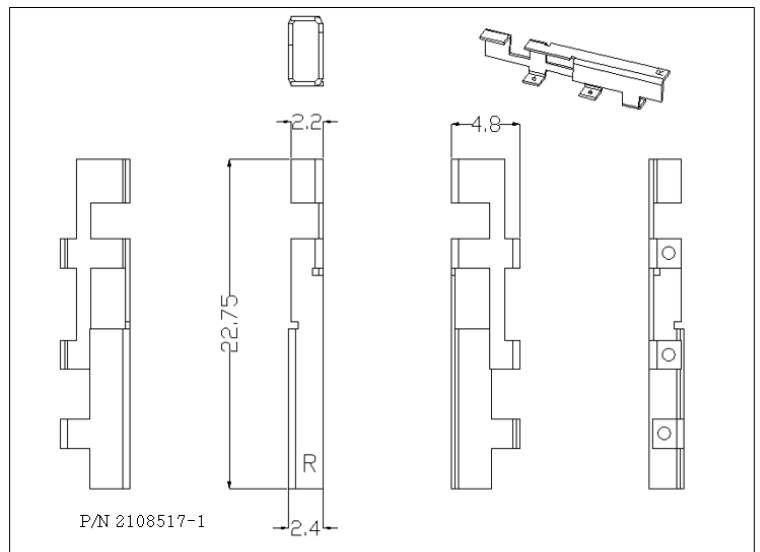
Dimensions: mm  
 Diagram is not to scale

Keep Out Area



Dimensions: mm  
 Diagram is not to scale

Approx. Dimensions



2x1 MIMO condition Architecture guide

Case#: S21 Isoation : 2G : -15dB, 5G : -13dB

