

2400-2500 MHz Single band or 2400-2500 & 4900-5875 MHz Dual Band Antenna
 (IEEE 802.11 a/b/g/n/ac/ad, includes frequencies of Bluetooth, ZigBee, and Wi-Fi products)

Part Number: 2108964-1

Product Facts

- This small BT or Dual Wi-Fi Band antenna Provides the most reliable Easy-to-use
- RoHS compliant
- Available in tape & reel



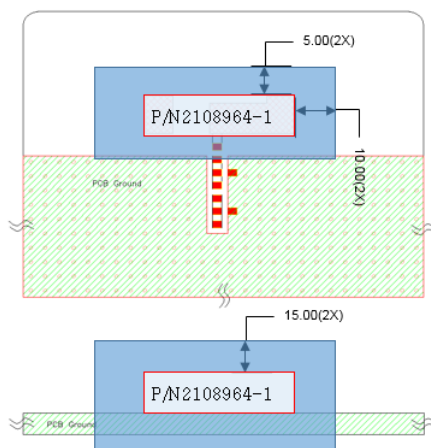
Recommendations

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

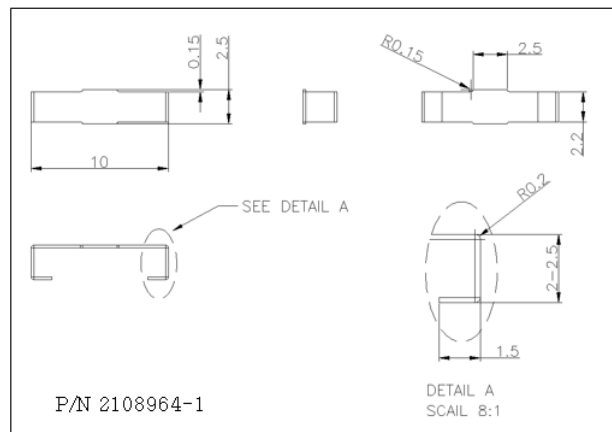
Specifications

	Single Band	Dual Band
Frequency(MHz)	2400~2500	2400~2500; 4900~5875
VSWR	< 2.0 : 1	< 2.0 : 1
Typical Peak Gain(dBi)	+2.4	+2.7; +4.3
Polarization	Linear, Vertical	Linear, Vertical
Azimuth Beamwidth	Omni directional	Omni directional
Power Handling	10 Watt cw	10 Watt cw
Feed point Impedance	50 ohms	50 ohms
Size(X * Y * Z)(mm)	10.0 * 2.5 * 2.5	10.0 * 2.5 * 2.5
Weight(g)	0.11	0.11
Mounting Method	Surface-mount	Surface-mount
Reflow Temperature	240°C Pb free	240°C Pb free
Operating Temperature	-40~+85°C	-40~+85°C

Keep Out Area



Approx. Dimensions

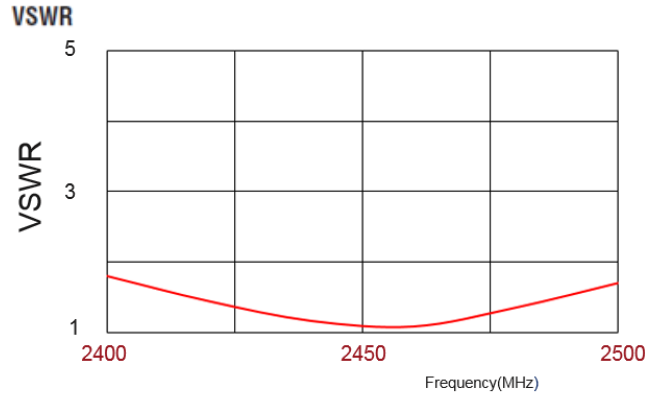
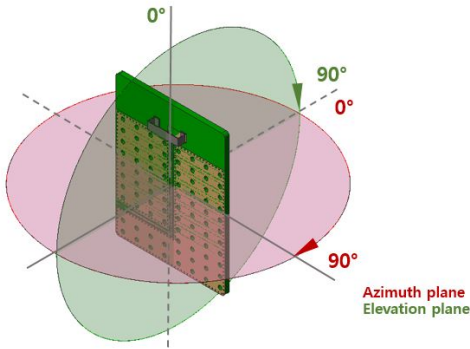


Dimensions: mm
 Diagram is not to scale

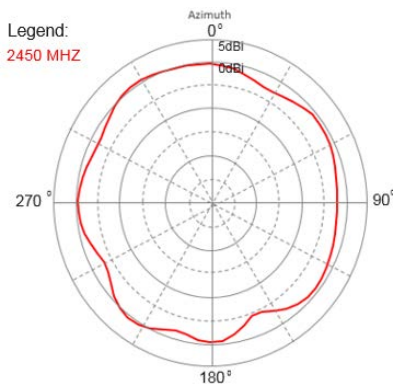
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Single Band

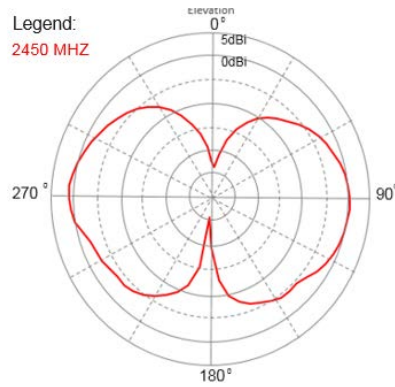
Test Orientation in Free Space



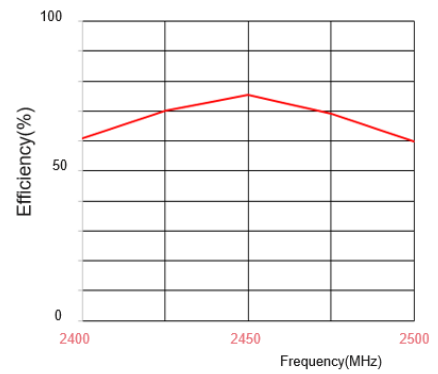
Azimuth



Elevation

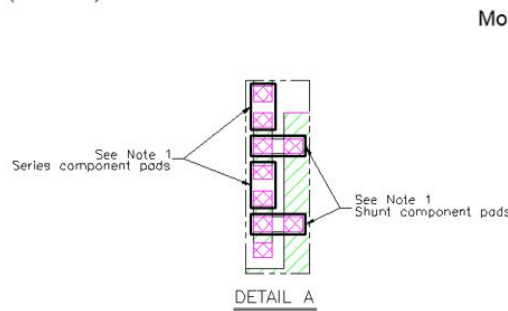


Efficiency

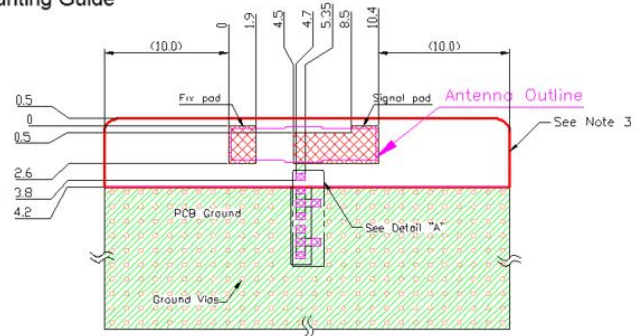


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Mounting Guide



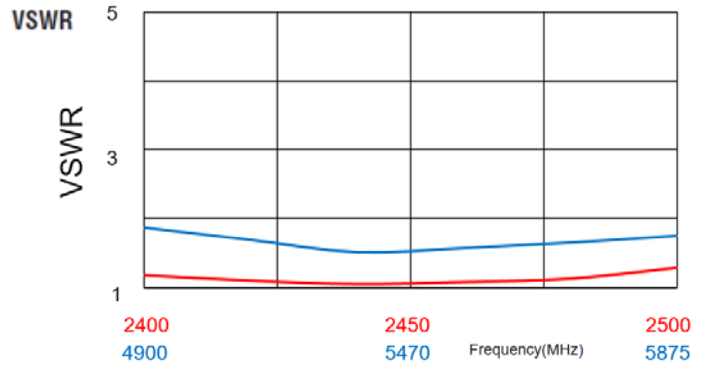
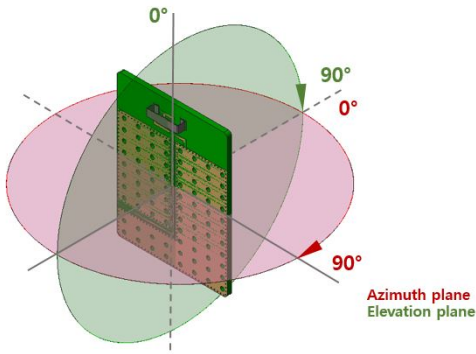
- NOTES: 1. Suggested matching component pads.
 2. Antenna must be mounted on the edge of PCB.
 3. No copper allowed in designated area on all PCB layer -
 4. For more information please call TE.

Dimensions: mm
 Diagram is not to scale

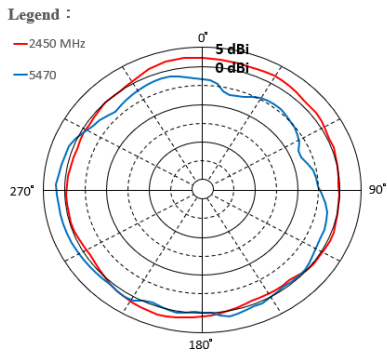
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Dual Band

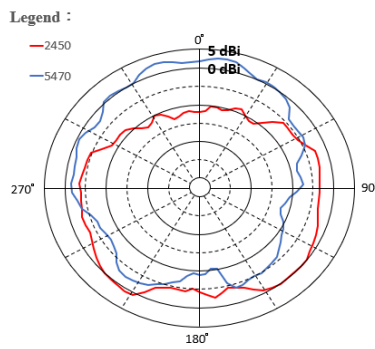
Test Orientation in Free Space



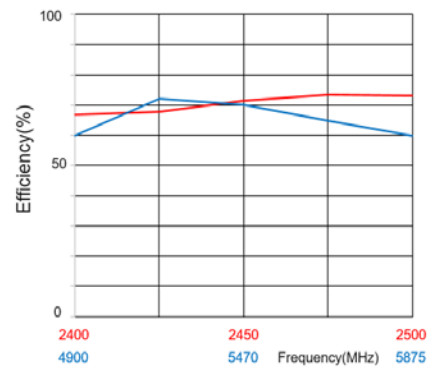
Azimuth



Elevation

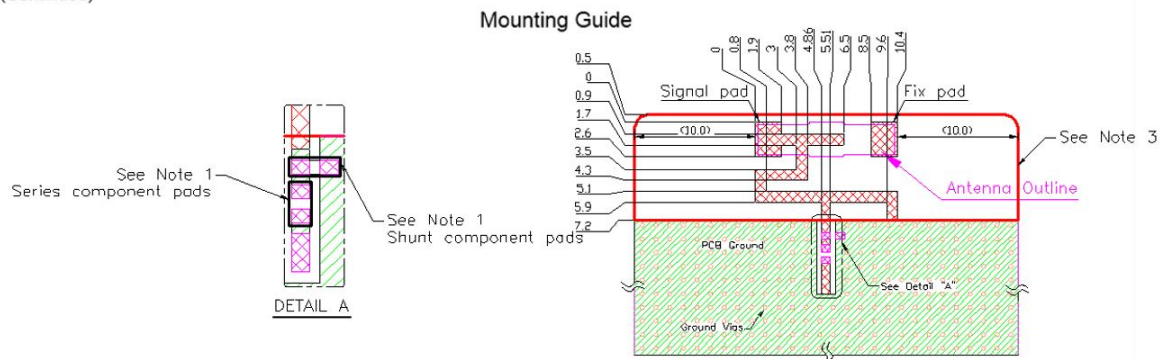


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