

**2300 –3800 MHz Single Band Antenna**

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

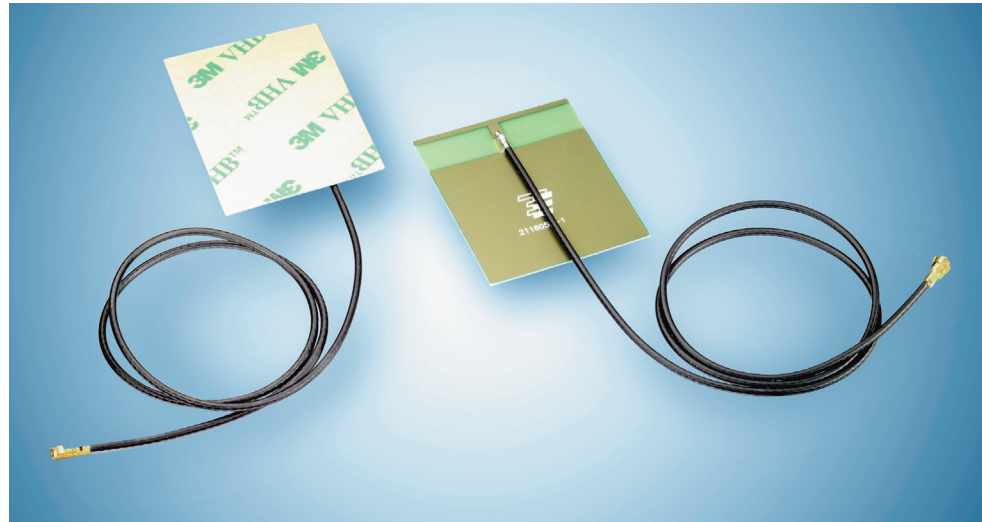
**Part Number: 2118059-1**

**Product Facts**

- Small and lightweight thin PCB antenna assembly.
- RoHS compliant

**Recommendations**

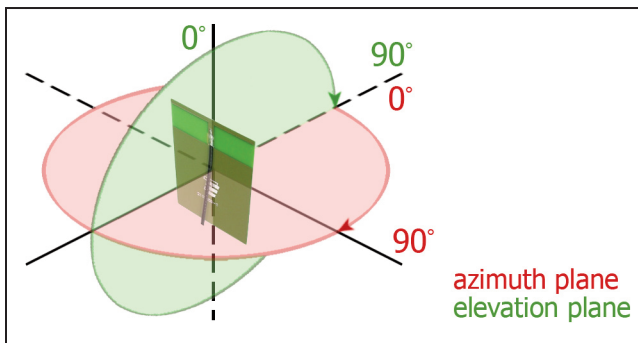
- For best performance follow Mounting Guide and Keep Out Area on page 2.



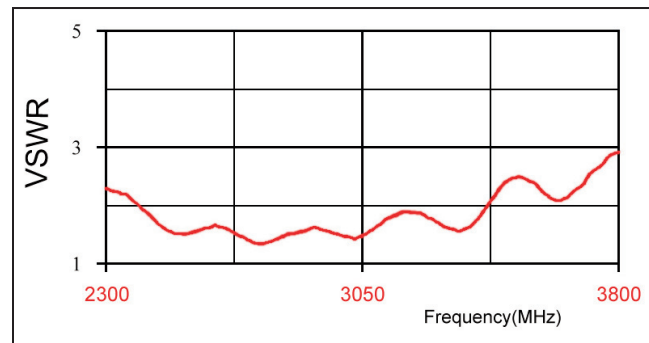
**Specifications**

|                       |  |
|-----------------------|--|
| Frequency Range (MHz) | 2300 –3800                                       |
| Peak Gain             | + 4 dBi  |
| VSWR                  | < 3.0:1  |
| Polarization          | Linear   |
| Azimuth Beamwidth     | Omni-directional                                 |
| Power Handling        | 3 Watt   |
| Feed Point Impedance  | 50 Ohms unbalanced                               |
| Size                  | 30.60 mm x 36.85 mm x 0.304mm                    |
| Weight                | < 3.3 g.   |
| Mounting              | Adhesive. See diagram on page 2.                 |
| Keep Out Area         | See diagram on page 2                            |
| Cable / Connector     | 350 mm length. 1.37 mm dia. with U.F.I connector |

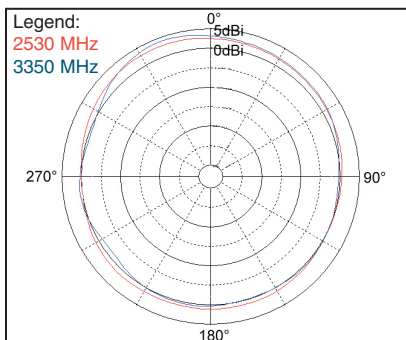
**Test Orientation in Free Space**



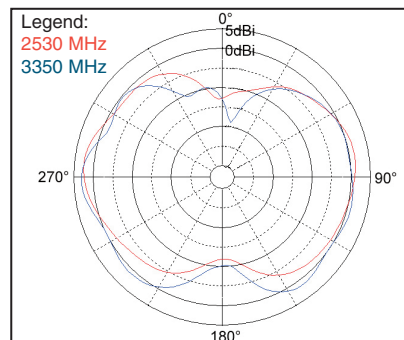
**VSWR**



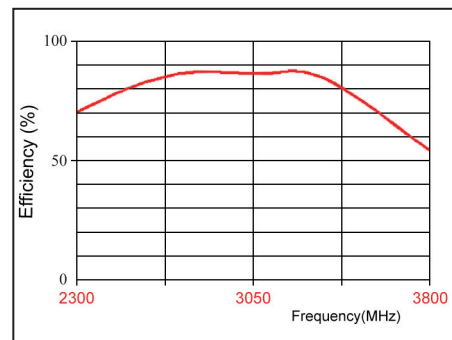
**Azimuth**



**Elevation**



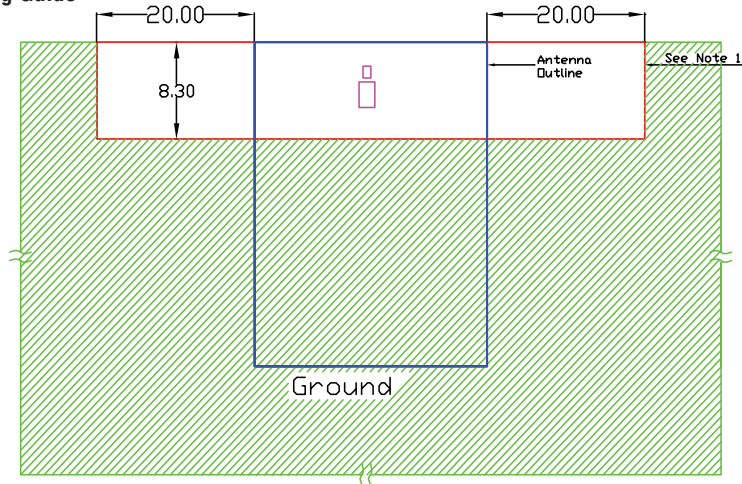
**Efficiency**



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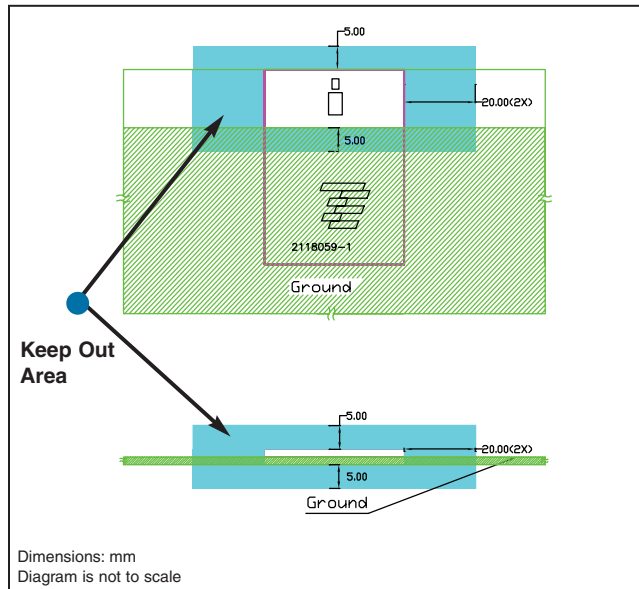
**Mounting Guide**



- NOTES: 1. No copper allowed in designated area on all PCB layers –   
2. For more information please call TE.

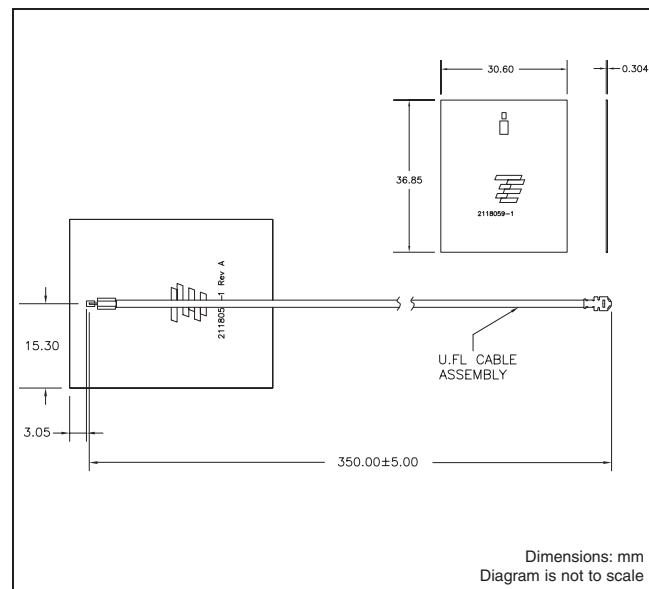
Dimensions: mm  
Diagram is not to scale

**Keep Out Area**



Dimensions: mm  
Diagram is not to scale

**Approx. Dimensions**



Dimensions: mm  
Diagram is not to scale

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Consult TE for the latest dimensions and design specifications.

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