

## 824 – 894 & 1850 – 1990 MHz Dual Band Antenna (US Dual Band)

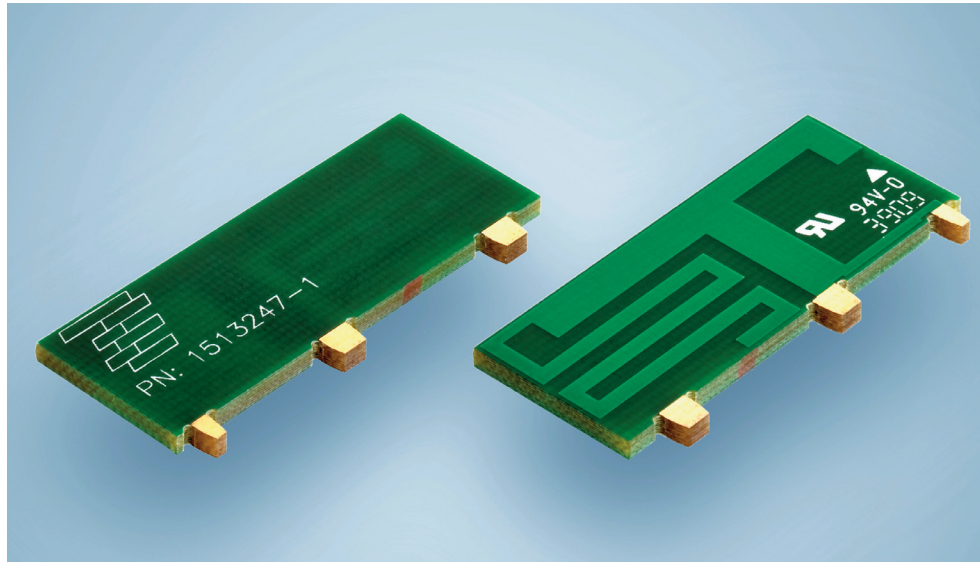
Part Number: 1513247-1

### Product Facts

- Small and lightweight.
- RoHS compliant

### Recommendations

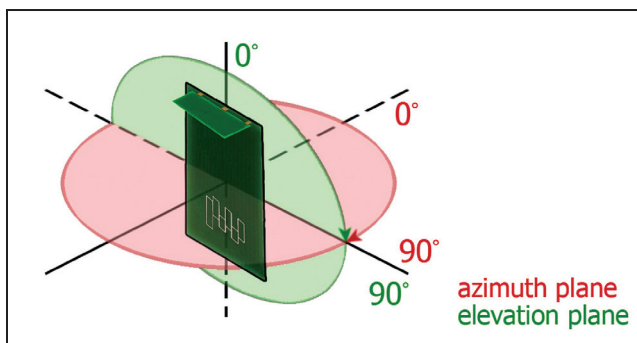
- Minimum or no matching circuits required.
- Bandwidth and performance is dependent on ground plane size. Suggested minimum ground plane length from the antenna feed is 100 mm.



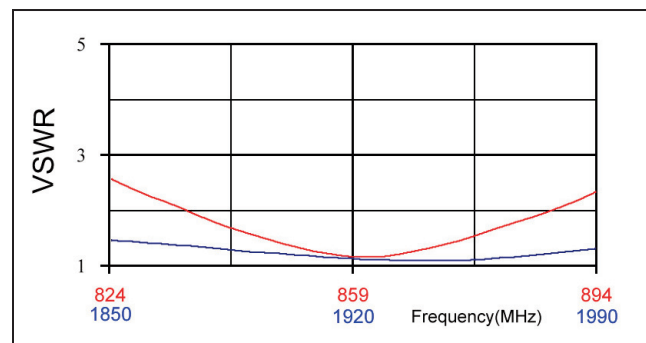
### Specifications

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Frequency Range (MHz) | 824 – 894; 1850 – 1990                            |
| Peak Gain             | 0 dBi; +3 dBi                                     |
| VSWR                  | < 3.0:1; < 3.0:1                                  |
| Polarization          | Linear                                            |
| Power Handling        | 10 Watt cw                                        |
| Feed Point Impedance  | 50 Ohms                                           |
| Size                  | 38.10 mm x 15.24 mm x 1.57 mm                     |
| Weight                | < 2 g.                                            |
| Mounting              | Tab mounted with plated through holes. See page 2 |
| Keep Out Area         | See diagram on page 2                             |

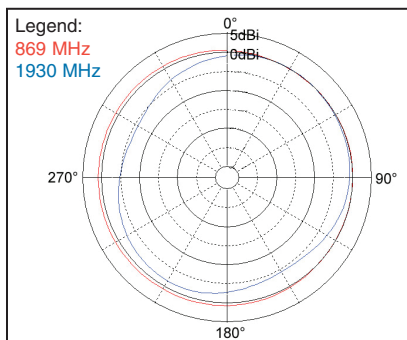
### Test Orientation in Free Space



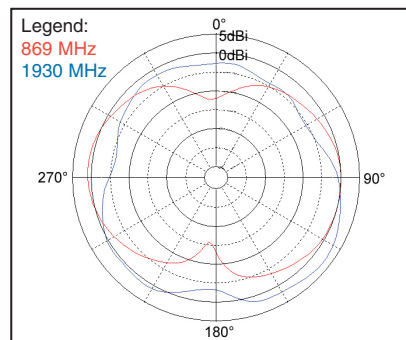
### VSWR



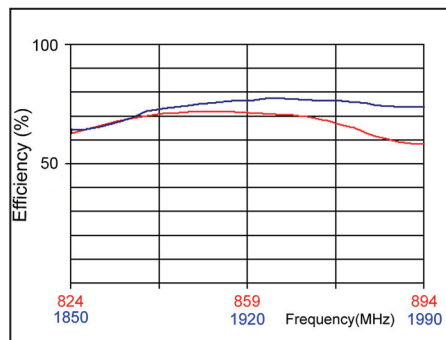
### Azimuth



### Elevation



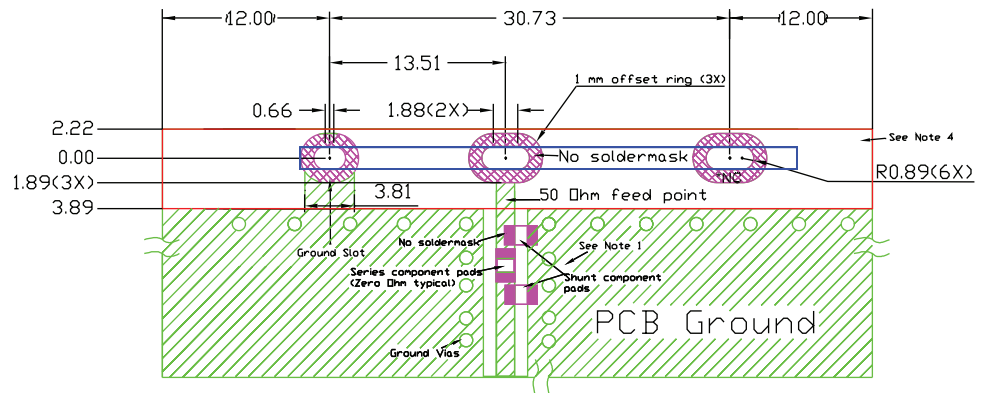
### Efficiency



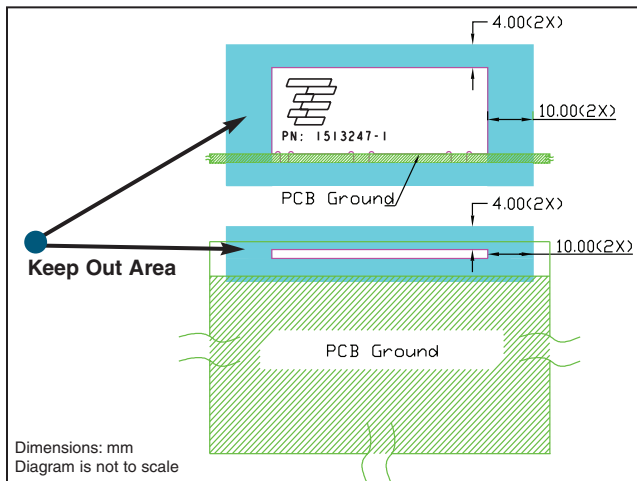
## 824 –894 & 1850 –1990 MHz Dual Band Antenna (US Dual Band)

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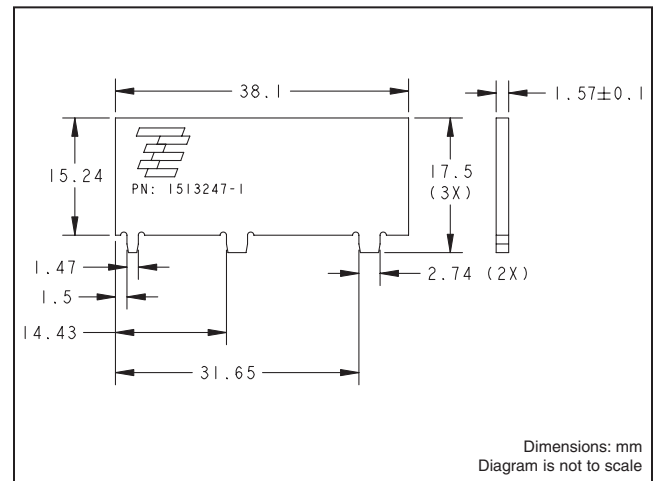
### Mounting Guide



### Keep Out Area



### Approx. Dimensions



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Consult TE for the latest dimensions and design specifications.

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