

## 3100 – 6000 MHz Single Band Antenna (UWB)

**Part Number: 1513381-1**

### Product Facts

- Universal antenna module assembly.
- RoHS compliant

### Recommendations

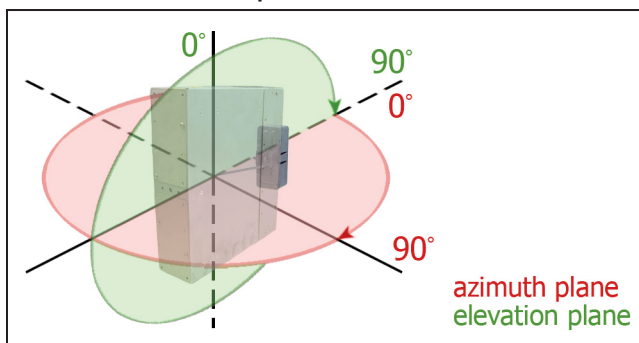
- Antenna is to be mounted on a metal chassis.
- Panel thickness must be between .8mm and 1mm.
- Performance and bandwidth is dependant on chassis size.



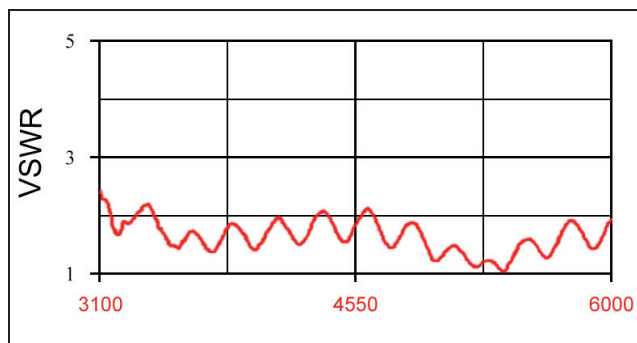
### Specifications

|                       |                                                      |
|-----------------------|------------------------------------------------------|
| Frequency Range (MHz) | 3100 – 6000                                          |
| Peak Gain             | 4 dBi                                                |
| VSWR                  | < 3.0:1                                              |
| Polarization          | Linear                                               |
| Power Handling        | 10 Watt cw                                           |
| Feed Point Impedance  | 50 Ohms unbalanced                                   |
| Size                  | 29.00 mm x 12.00 mm x 10.00 mm                       |
| Weight                | < 5.5 g.                                             |
| Mounting              | Universal Antenna Module See page 2                  |
| Keep Out Area         | See diagram on page 2                                |
| Cable / Connector     | 365 mm length. 1.13 mm dia. with U.FI connector      |
| Note                  | Data shown was taken on a nominal size metal chassis |

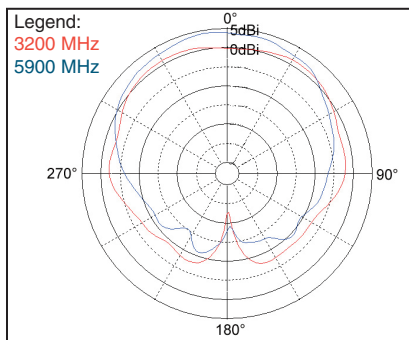
### Test Orientation in Free Space



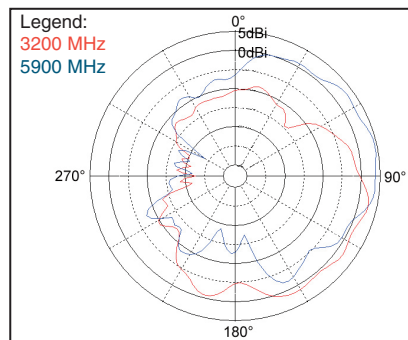
### VSWR



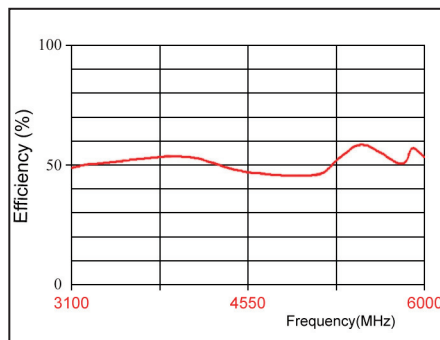
### Azimuth



### Elevation



### Efficiency

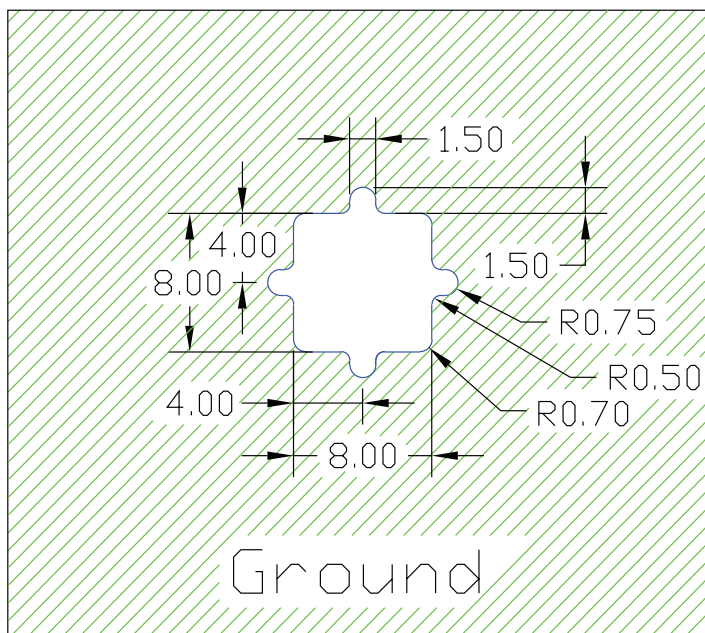


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### Mounting Guide

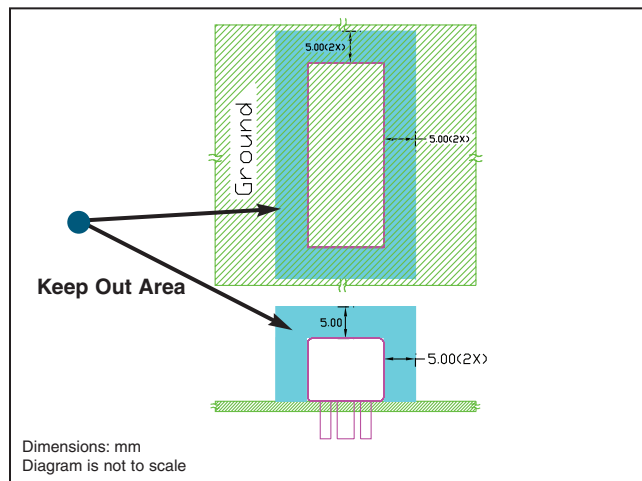
NOTE:  
Panel thickness must be between  
0.8 mm and 1 mm.



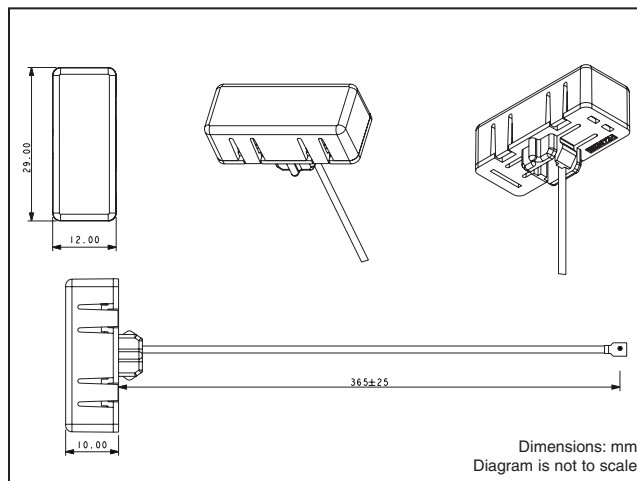
NOTES: 1. Antenna must be mounted on a metal chassis.  
2. For more information please call TE.

Dimensions: mm  
Diagram is not to scale

### Keep Out Area



### Approx. Dimensions



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3-1773459-4-CIS-PDF-03-11

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Consult TE for the latest dimensions and design specifications.

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