3100 – 6000 MHz Single Band Antenna (UWB)

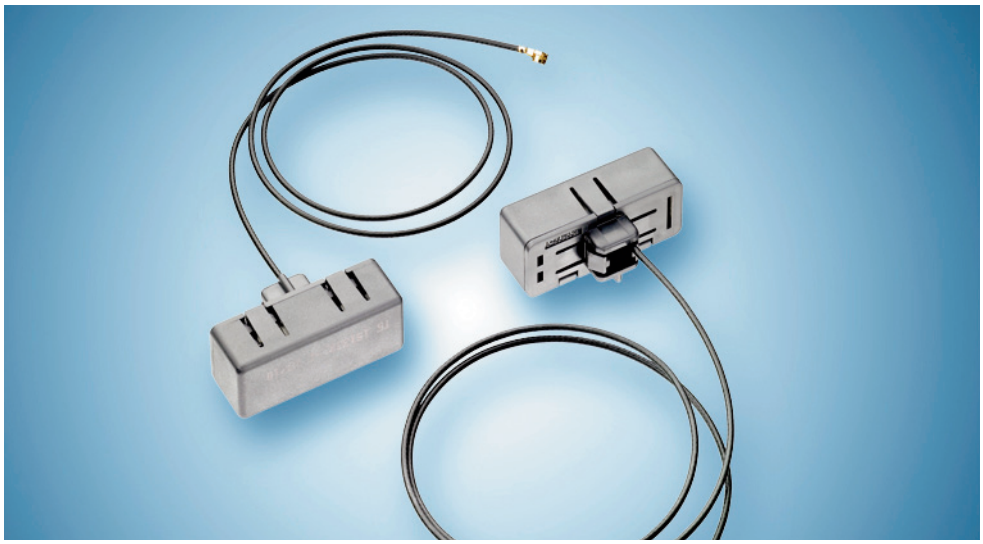
Part Number: 1513381-1

Product Facts

- Universal antenna module assembly.
- RoHS compliant

Recommendations

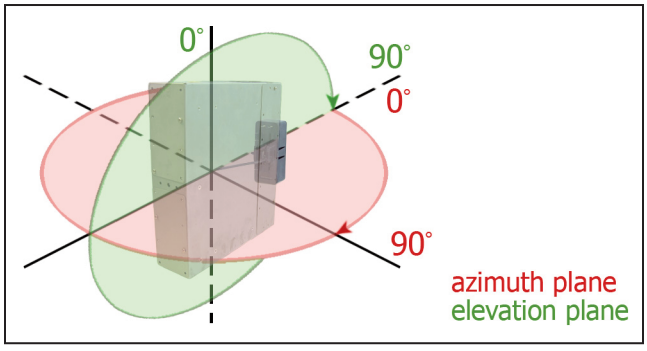
- Antenna is to be mounted on a metal chassis.
- Panel thickness must be between .8mm and 1mm.
- Performance and bandwidth is dependant on chassis size.



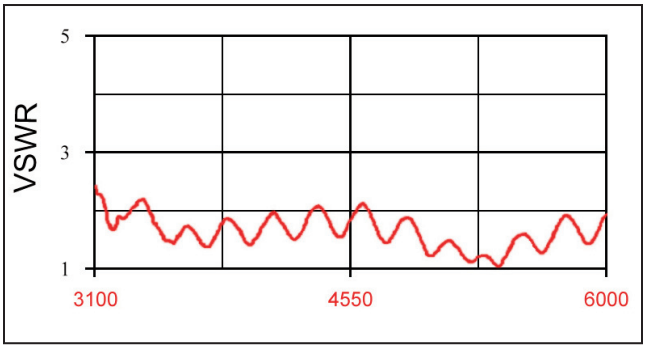
Specifications

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

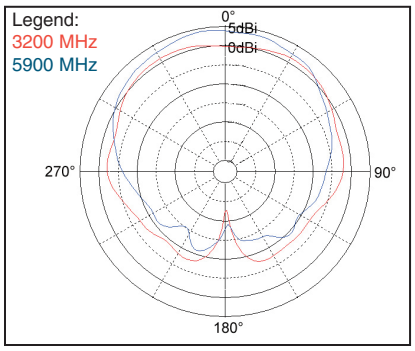
Test Orientation in Free Space



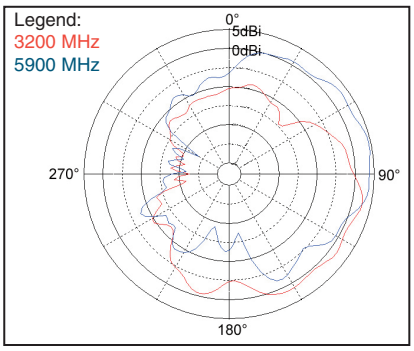
VSWR



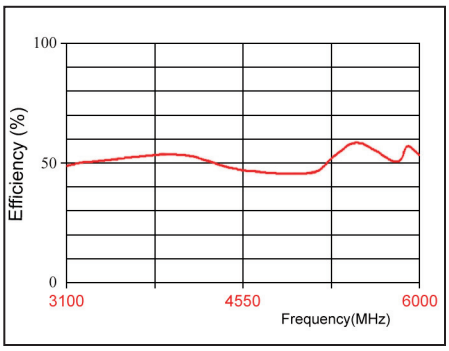
Azimuth



Elevation



Efficiency



Catalog 3-1773459-4
Revised 03-11

www.te.com
www.antenna.te.com

Dimensions are in inches and millimeters unless otherwise sspecified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

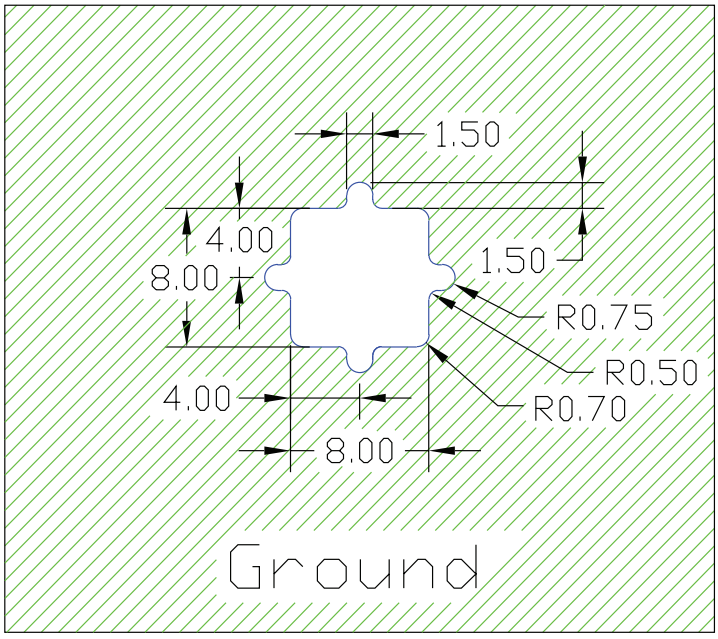
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For other country number go to te.com/supportcenter

3100 – 6000 MHz Single Band Antenna (UWB)

Part Number: 1513381-1

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

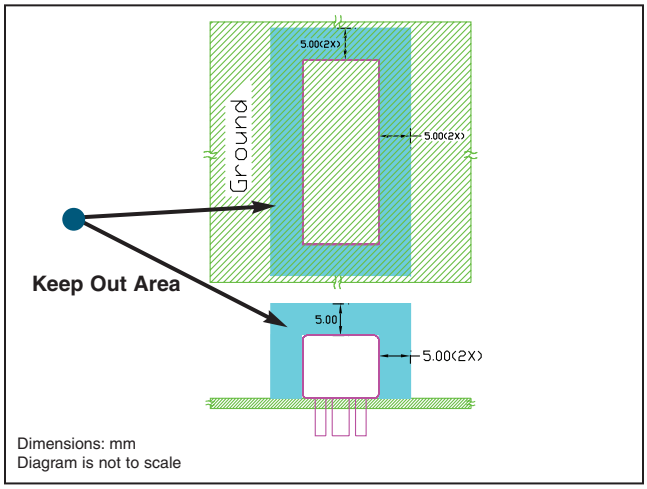
Mounting Guide



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

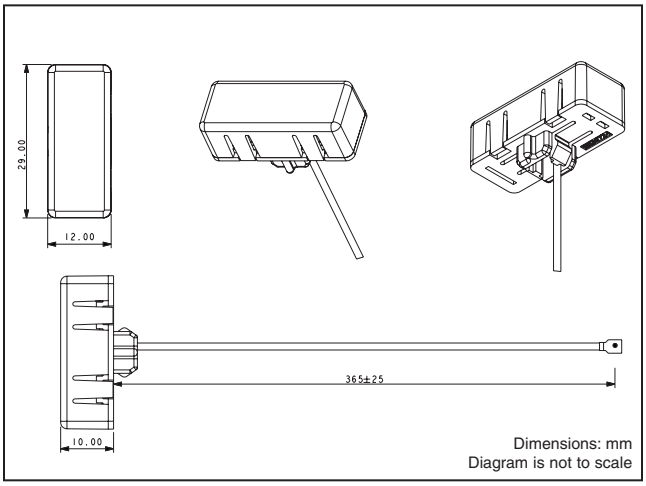
Dimensions: mm
Diagram is not to scale

Keep Out Area



Dimensions: mm
Diagram is not to scale

Approx. Dimensions



Dimensions: mm
Diagram is not to scale

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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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