

1560-1602 MHz GNSS ANTENNA

Standard Antenna Solutions

Part Number: 2118900-1

PRODUCT FACTS:

- Small and lightweight
- Available in tape & reel for automatic mounting
- RoHS compliant

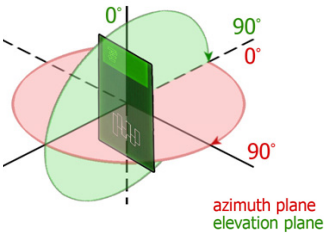
RECOMMENDATIONS:

- Minimum matching circuits required
- Bandwidth and performance is dependent on ground plane size. The following data was measured with 100mm ground size.
- PCB ground is to be on top layer

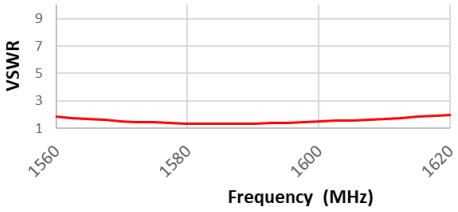
SPECIFICATIONS:

- Frequency Range: 1560-1602 MHz
- Peak Gain: See the below chart
- VSWR: <2.0:1
- Polarization: Linear
- Azimuth Beam Width: Omni directional
- Power Handling: 3 Watt cw
- Feed Point Impedance: 50 ohms
- Size: 10mm x 10mm x 1mm
- Weight: <0.5g
- Mounting: Surface-mount technology
- Keep Out Area: See diagram on page 3
- Operating Temperature: -40° to 85°C

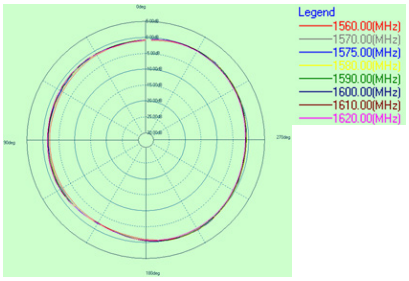
TEST ORIENTATION IN FREE SPACE:



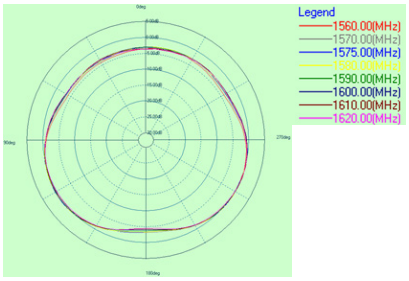
VSWR:



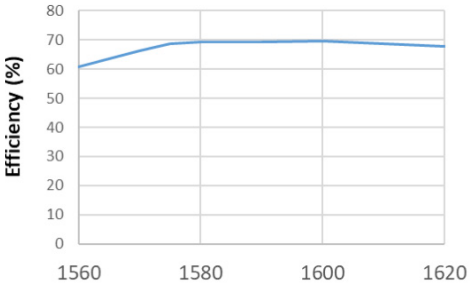
AZIMUTH:



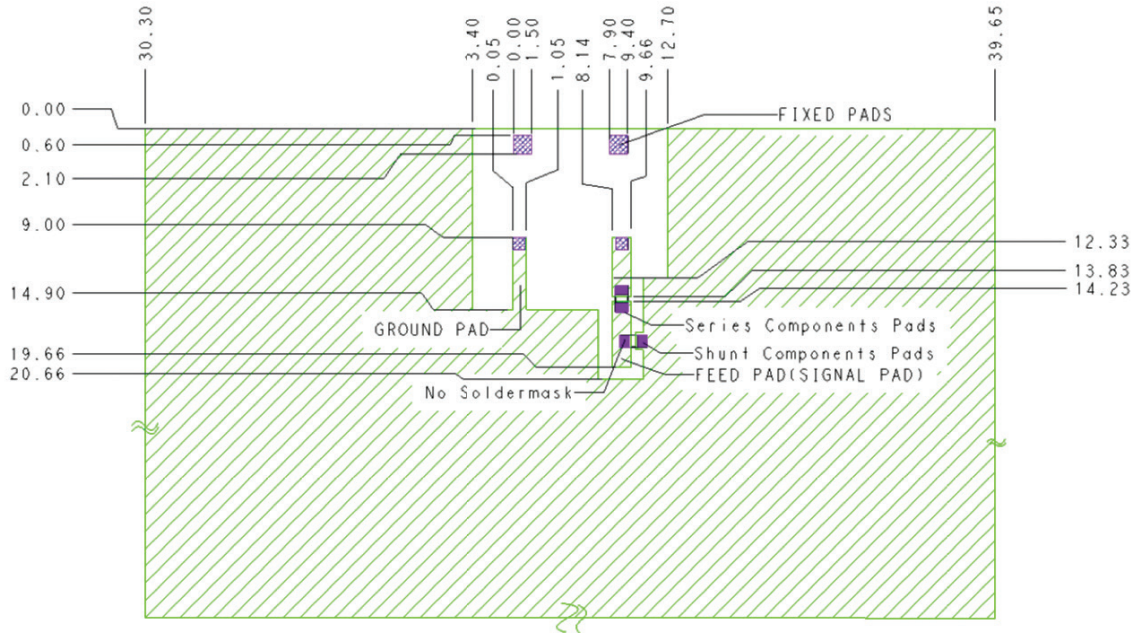
ELEVATION:

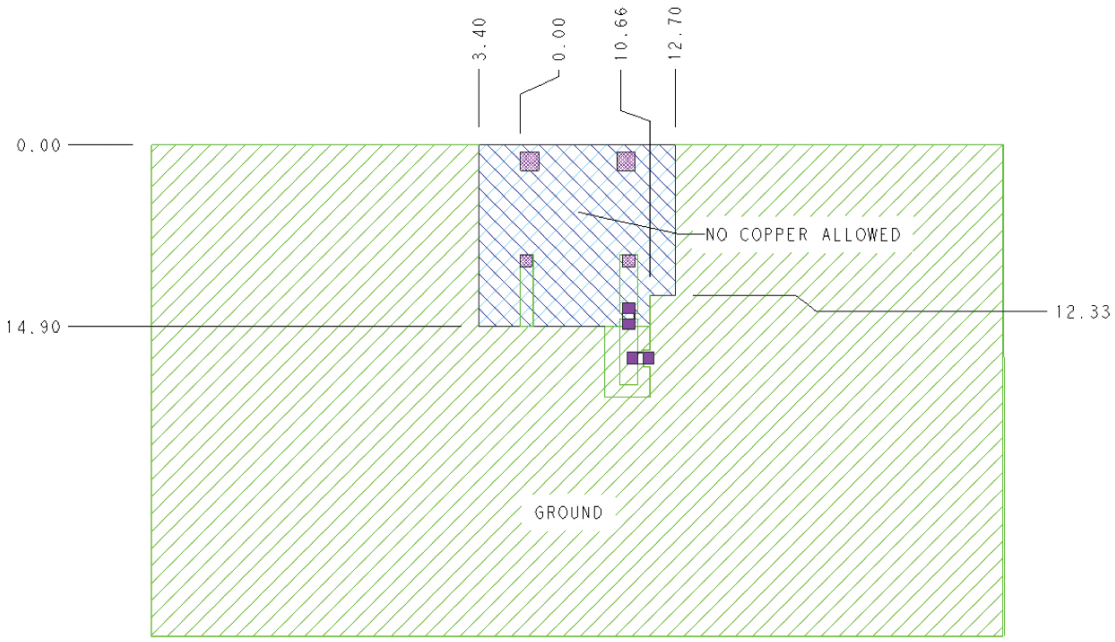


EFFICIENCY:

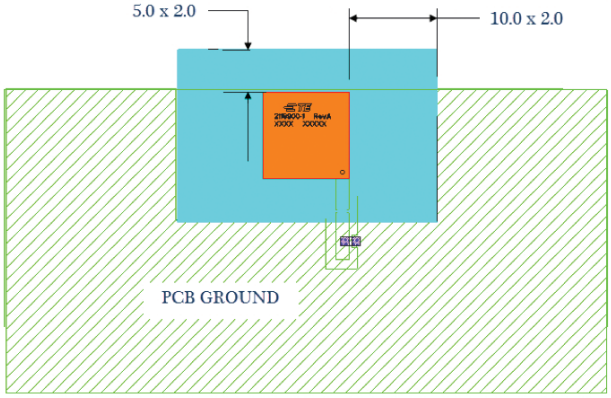


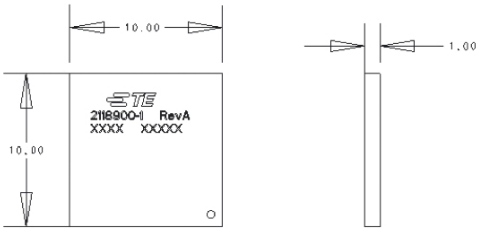
MOUNTING GUIDE:

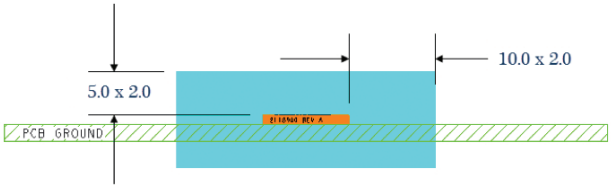




KEEP OUT AREA:







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