



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

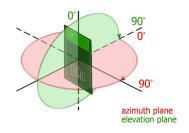
• Weight: <0.5g

• Mounting: Surface-mount technology

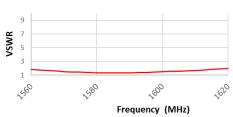
• Keep Out Area: See diagram on page 3

Operating Temperature: -40° to 85°C

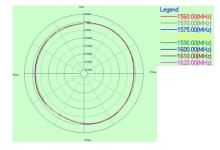
TEST ORIENTATION IN FREE SPACE:



VSWR:



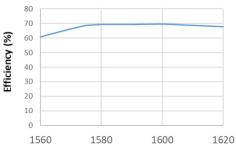
AZIMUTH:



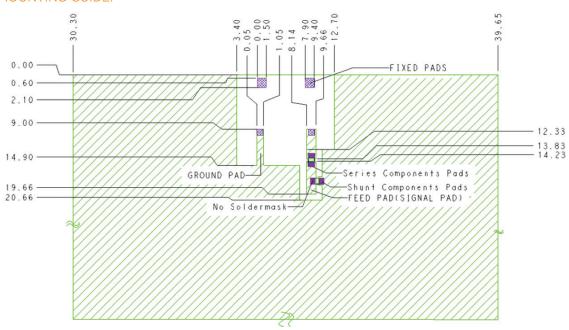
ELEVATION:



EFFICIENCY:



MOUNTING GUIDE:

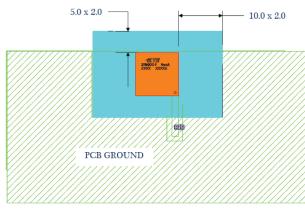


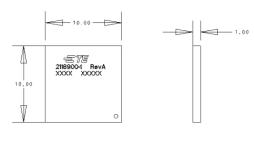


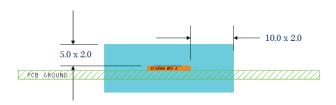
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KEEP OUT AREA:







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