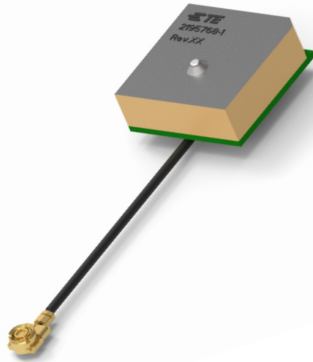




1575 MHz BAND GPS ACTIVE ANTENNA, CABLE TYPE

Standard Antenna Solutions

Part Number: 2195768-1

PRODUCT FACTS:

- Active ceramic patch
- Embedded antenna
- Customizable cable and connector
- RoHS compliant

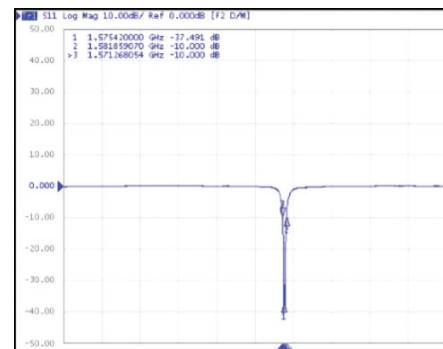
RECOMMENDATIONS:

- Minimum or no matching circuits required
- Bandwidth and performance is dependent on LNA GND plane size 12mm x 12mm and radome

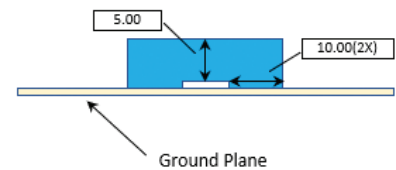
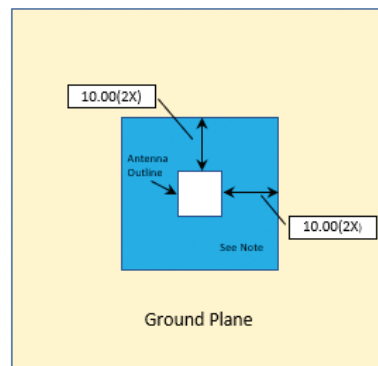
SPECIFICATIONS:

- Frequency Range: 1575.42 ± 2 MHz (when covered with a radome on LNA ground plane)
- Bandwidth: 10MHz min
- Gain at Zenith: 19dBi (for ground 12mm x 12mm)
- Return loss: <-10dB
- Polarization: R.H.C.P
- Feed Point Impedance: 50 ohms
- Operation Voltage: $3.0V \pm 0.1V$
- Current (DC= $3.0 \pm 0.1V$): $4.5mA \pm 2mA$
- Size: 12mm x 12mm x 6.35mm
- Weight: 3.47g
- Connector/Cable: 83mm length; 0.81mm diameter with U.F.I connector
- Keep Out Area: See diagram on page 2
- Operating Temperature: -40° to 90°C

RETURN LOSS:



KEEP OUT AREA:



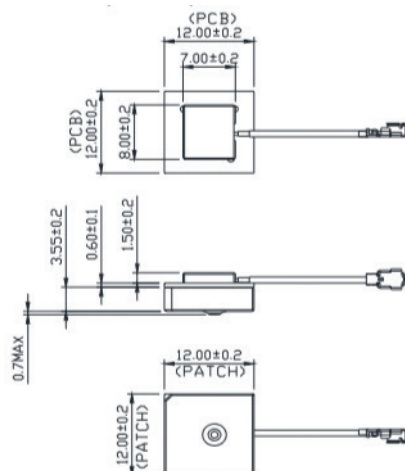
- NOTES :
1. Antenna designed to be mounted on ground plane.
 2. Area in blue above indicates Keep Out Area.
 3. For more information please call TE.

Dimensions : mm
Diagram is not to scale

1575 MHz GPS Band Active Antenna, Cable Type

Standard Antenna Solutions

APPROXIMATE DIMENSIONS:



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For phone numbers in other countries, go to te.com/support-center

te.com

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