

**Motorola GPS
Timing2000 Antenna**

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Why Timing2000?

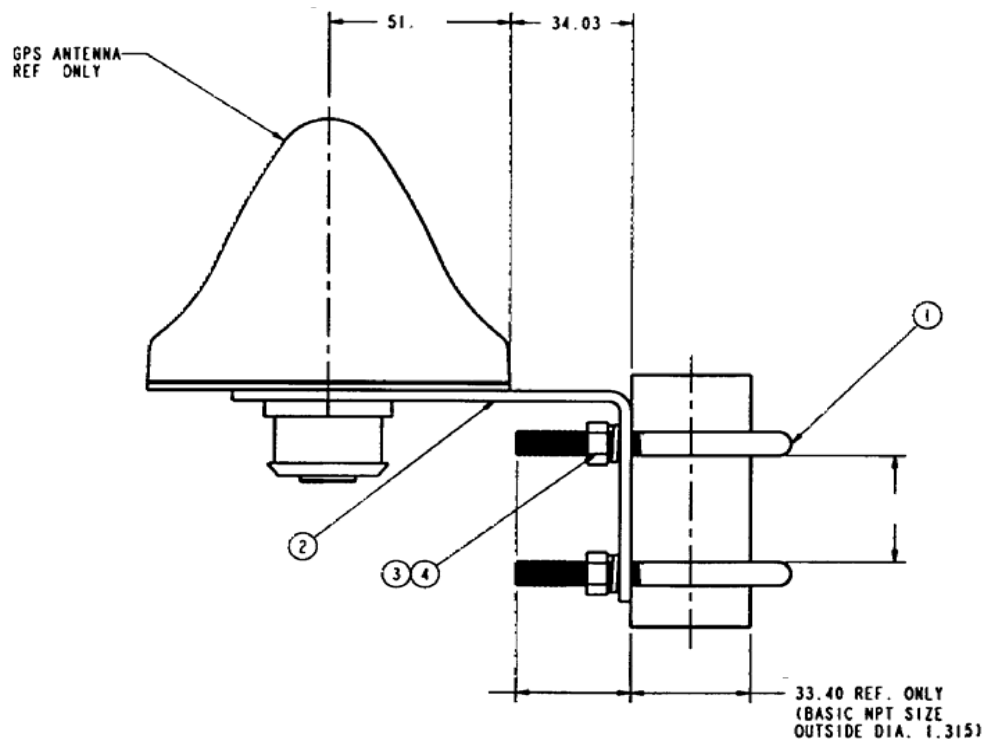
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- **Industry Leading Price/Performance**
- Dual Band Pass Timing Antenna – Designed Specifically for Timing Applications
- UL Rated Product
- Conical Radome Reduces Ice and Snow Build up
- Industry Standard N Connector
- Mounting Nut
 - Ease of Assembly
 - Assists in Weatherproofing the cable connection
 - Versatile Post Mount Mounting Scheme

- Electrical Performance
 - Narrow Bandwidth
 - 25 MHz Typical
 - Filtering
 - 40 dB min. +/- 50 MHz
 - RF Gain
 - 25 dB Typical
 - Noise Figure (N.F.)
 - <1.5 Typical
 - Low Power Consumption
 - 26 mA Typical @ 5 Vdc
- Environmental Characteristics
 - Operating and Storage Temp.
 - -40 to +85 degrees C
 - Humidity: 85% noncondensing +30 to +60 deg. C
 - UV Radiation: JIS D0202
 - Salt Spray Test
 - Spray 5% NaCl solvent at 35 degrees C
 - Immersion Test
 - 1 Meter with Connector Sealed
 - Transient Voltage Test
 - +/- 12 kV

Antenna and Mount Assembly



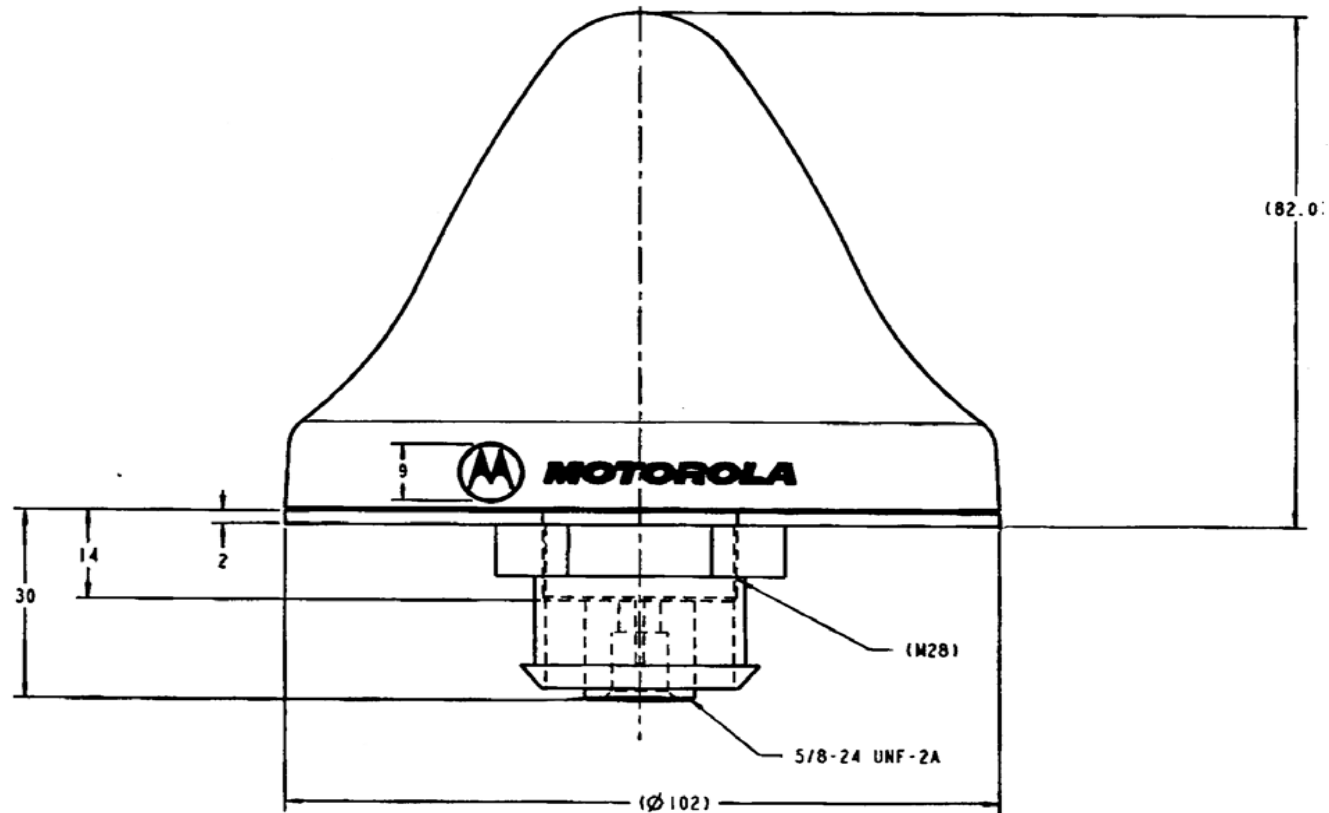
Note: All dimensions are in millimeters

Install Notes:

- Min. Antenna Nut Torque: 87 in-lb. or 100 kgf-cm
- Weatherproof mating N-connectors are required to ensure water resistant seal
- Suggested cable connector vendors:
 - AMP
 - Andrew
 - Huber + Suhner
- For optimal performance ensure base of antenna is position as closed as possible to the to top of the mounting pole
- Select a mounting location with a clear view (360 deg.) of the sky
- Use extreme caution when mounting near high voltage power lines

Timing2000– Dimensions GCNTM20A3A

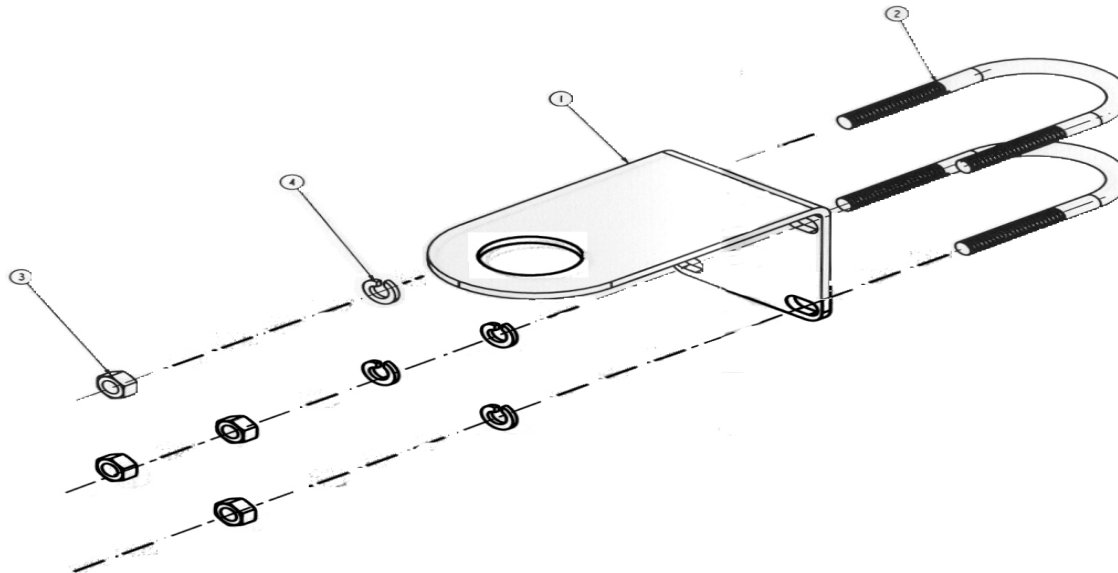
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Optional Mount MNT62312B1

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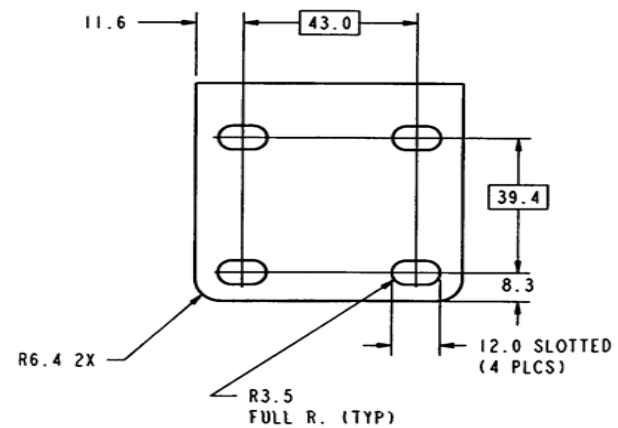
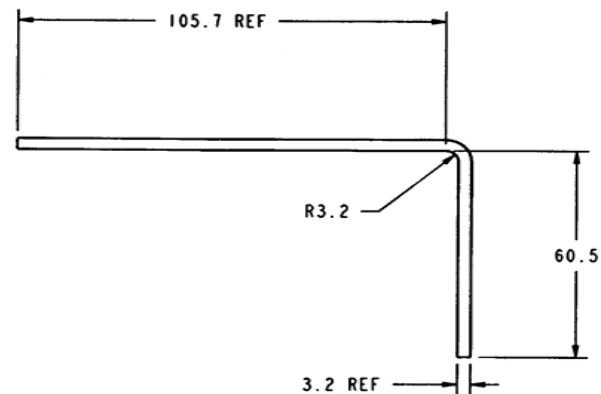
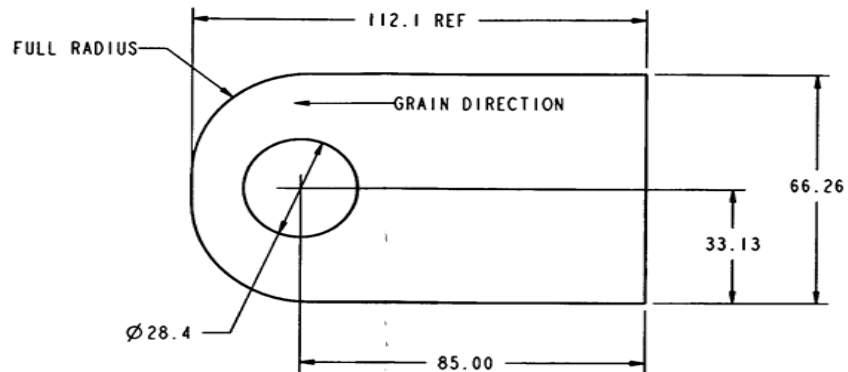
Material Description:

#1,3 & 4 Zinc Plated Steel
(Plating thickness 0.0002 in.)

#2 Aluminum Alloy
(Anodic coating min. 0.0003)

Optional Mount – Dimensions

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ANT Series Antenna

Timing2000 Antenna

