

## NOTES:

### Mechanical Note:

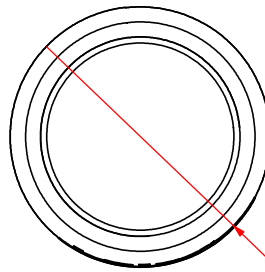
- Overall Height: ~ 87 mm from Mounting Surface
- Weight: 0.42 lbs
- IP Rating: IP67
- Operating temp: -35 °C to +65 °C
- Storage Temp: -45 °C to +65 °C
- Color: White
- Mounting: Permanent Mount (See "Recommended Mounting Conditions")
- Installation Torque: 4 - 6 ft\*lbs on Nut

### Electrical Note:

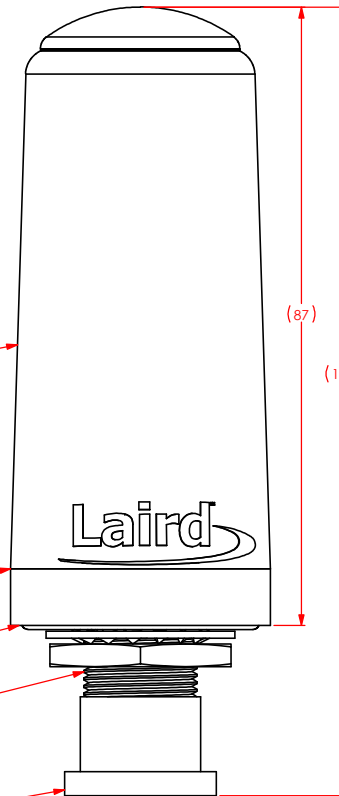
- Frequency: VSWR  
698 - 806 MHz: < 2.5 : 1.0  
806 - 960 MHz: < 2.0 : 1.0  
1710 - 2700 MHz: < 2.0 : 1.0
- Nominal Impedance: 50 OHM
- Polarization: Vertical
- Pattern: Omnidirectional
- Ground Plane: No Ground Plane Required

### Packaging Note:

- Laird Technologies SKU: TRA6927M3PWN-001
- Package: S1136
- Units per Package: 1
- Package Label: Printed Bag



(Ø 37)



(87)

(111)

High Strength Impact Resistant ABS Radome

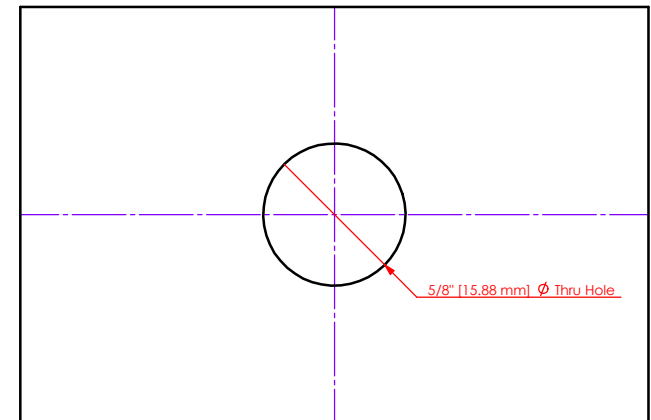
Rugged Insert Molded Design

O-ring must be in place during installation  
and must get full compression on the  
ground plane or surface

Permanent Mount with Hardware  
Standard N-Female Termination

Protective cap during shipping  
Remove before installation

Note: This antenna does not come with an NMO mount. It is designed to work with any NMO mount, sold separately.



5/8" (15.88 mm) Ø Thru Hole

Recommended Mounting Conditions:  
Surface should be as flat and clean as possible  
Hole should be centered as much as possible

### Notes:

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MATERIAL: N/A

FINISH: N/A

APPROVALS DATE

ME: B. HOFFMAN 23SEP14

RF: R. HARO 23SEP14

EM:

Prod:

WEIGHT:

THIRD ANGLE  
PROJECTION

INTERPRET DIMENSIONING AND  
TOLERANCING IN ACCORDANCE  
WITH ASME Y14.5M-1994

DO NOT SCALE DRAWING

TOLERANCES UNLESS OTHERWISE  
SPECIFIED

ANGLE:  
0 PLACE DECIMAL: ±30°  
1 PLACE DECIMAL: ±0.5°  
2 PLACE DECIMAL: ±0.13°



TITLE: MOUNTING & OUTLINE  
TRA6927M3PWN-001

SIZE DWG NO.  
A2 TRA6927M3PWN-001MO

REV  
AA

PREVIOUS#

SCALE:

SHEET 1 OF 1