

NOTES:

General Note:

1. All assemblies must be 100% tested for VSWR
2. Reference to samples is not permitted
3. No component substitutions are permitted
4. Final assemblies must be clear of burrs, solder residue, solder balls, or any foreign objects.

Mechanical Note:

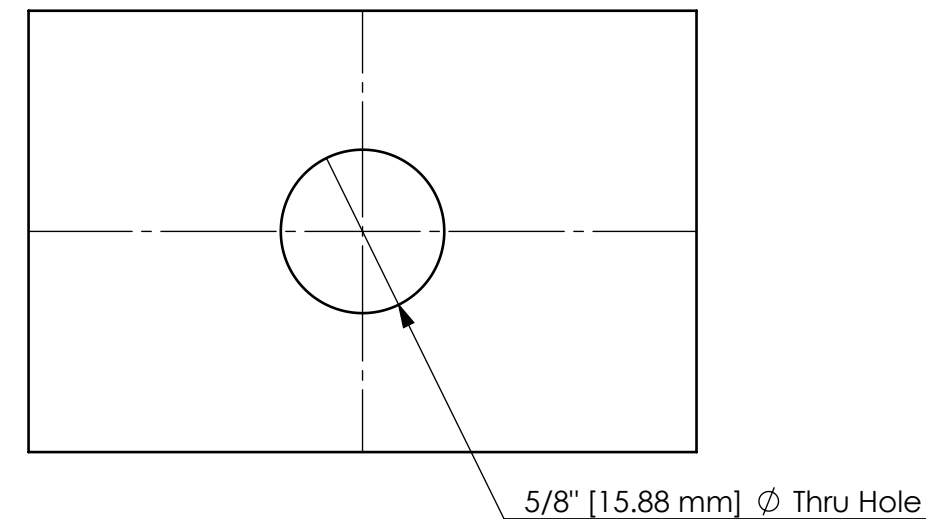
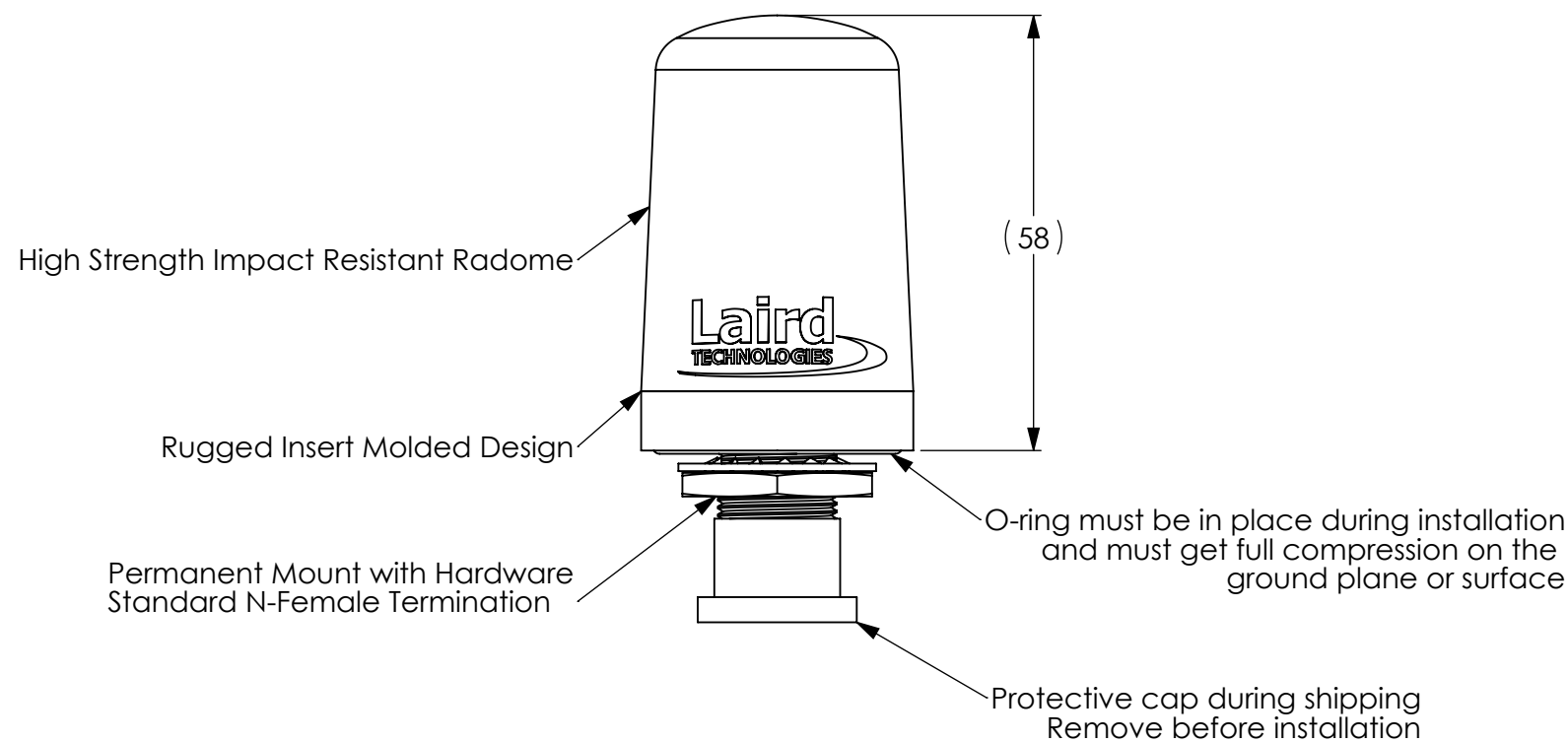
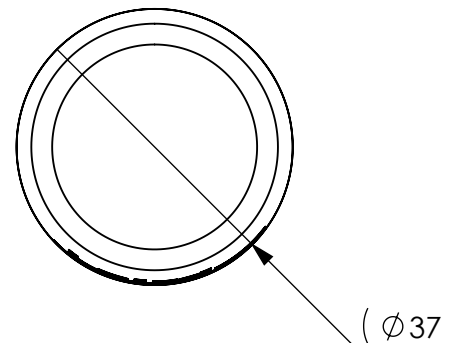
1. Overall Height: Approx 269mm including cable
2. Weight: ~ 8oz
3. Max wind: 160 km/hr
4. Operating temp: -40C to +80C 
5. Molded Housing Color: Black with Laird Logo
6. Installation torque: 4-6 ft*lb or full compression on O-ring

Electrical Note:

1. Frequency Range: 902 - 928 MHz
2. VSWR: <2:1
3. Nominal Impedance: 50 OHM
4. Gain (dBi): 3
5. Pattern: Omni-directional
6. Mounting: Non-Metallic Surface, No Ground Plane Required
7. Connection: N-Female Connector
8. Max Power: 100W

Packaging Note:

1. Label: Standard Product Label
2. Bag: S1143
3. If order exceeds 10 pieces, antennas will be individually packaged then placed in pack of 10



Recommended Mounting Conditions:
Non-Metallic surface should be as flat and clean as possible
Hole should be centered as much as possible

	9		10		11		12	
REVISIONS								
ZONE	REV.	DESCRIPTION			DATE	DRAWN BY		ECR NUMBER
ALL	A	Initial Release, M&O Print			12/14/2012	BPH		N/A
	F01	UPDATED OPERATING TEMPERATURE -40C WAS -30C			03OCT18	WTN		ECO-18-00419

Notes: THE COMPONENTS(S), INCLUDING ANY PLATING, FINISHES, COATINGS, CHEMICALS AND SURFACES TREATMENTS, SUPPLIED IN THIS DOCUMENT/DRAWING MUST CONFORM AND COMPLY WITH THE LATEST ISSUE OF LAIRD TECHNOLOGIES SPECIFICATION LT-GES-001, WHICH FULLY INCLUDES BUT IS NOT LIMITED TO ALL CONTENTS OF EU DIRECTIVES 2002/96/EC (RoHS DIRECTIVE), AS WELL AS INCLUDES REQUIREMENTS OF THE JOINT INDUSTRY GUIDE STANDARD JIG-101, APRIL 2005. THE COMPONENT(S) IN THIS DOCUMENT/DRAWING MAY BE SUBJECT TO A FULL COMPOUND ANALYSIS FOR PROOF OF COMPLIANCE. THE LATEST ISSUE OF LAIRD TECHNOLOGIES SPECIFICATION LT-GES-001, (GENERAL SPECIFICATION FOR THE ENVIRONMENT) IS READILY AVAILABLE UPON REQUEST FROM THE SUPPLIER.				MATERIAL: N/A				FINISH: N/A				THIRD ANGLE PROJECTION 				 1751 WILKENING COURT SCHAUMBURG, IL 60173 USA			
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				ME:				DO NOT SCALE DRAWING											
				RF:				TOLERANCES UNLESS OTHERWISE SPECIFIED											
				EM:				DIMENSIONS ARE IN MILLIMETERS											
				Prod:				ANGLE: 0 PLACE DECIMAL: ±30° 1 PLACE DECIMAL: ±0.5 2 PLACE DECIMAL: ±0.25 ±0.13				SIZE DWG NO.		REV					
												A2 TRA9020S3PBN-001 - MO		F01					
				WEIGHT:				PREVIOUS#				SCALE:				SHEET 1 OF 1			