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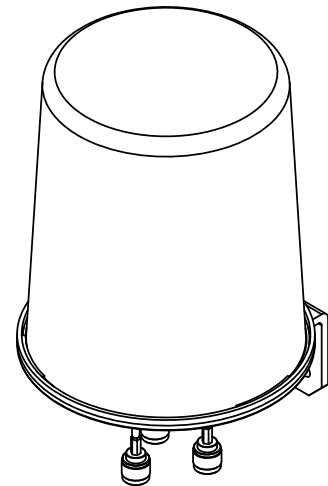
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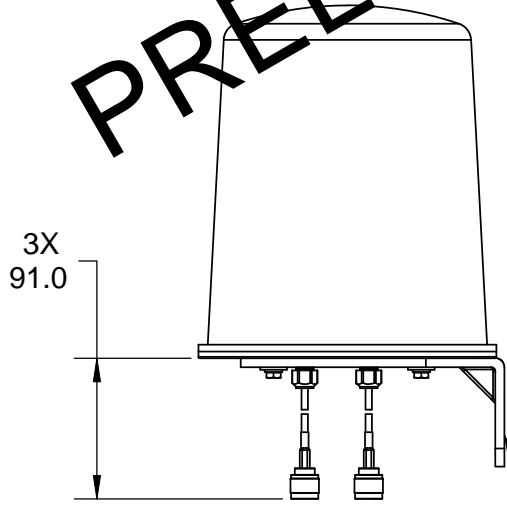
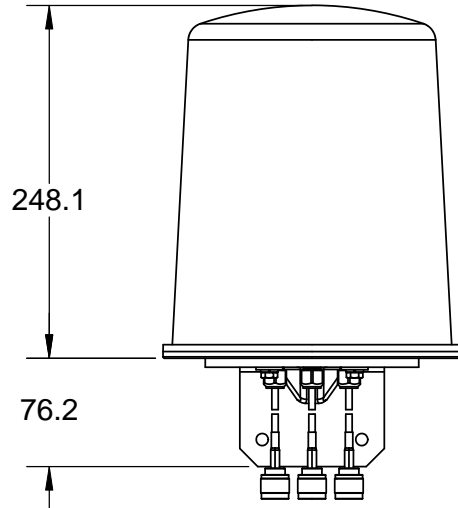
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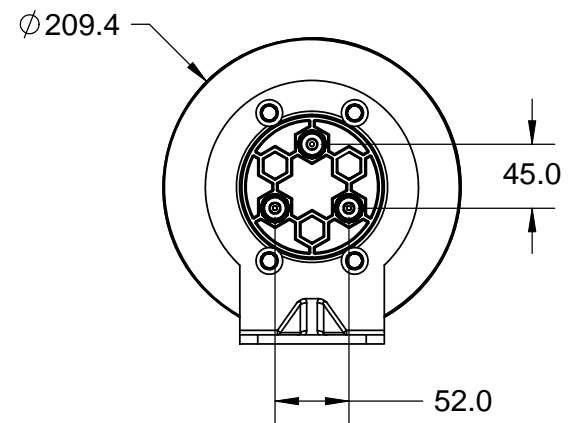
REVISIONS					
REV.	ECR#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
1			INITIAL PROTOTYPE	K.S. 04-28-11	K.S. 04-28-11
2			CHANGED PART NUMBER TO BE HP SPECIFIC. ADDED FURTHER PARAMETERS TO TABLE.	K.S. 05-24-11	K.S. 05-24-11



PRELIMINARY



NOTE: MOUNTING HARDWARE HAS NOT BEEN FINALIZED AT THIS TIME SO IT IS EXCLUDED FROM THIS DRAWING. IT WILL BE ADDED IN ON A FUTURE REVISION.



Parameter	Performance
Model Number	OP51508T-HP1
HP Part Number	TBD
Frequency	5150-5875MHz
Peak Gain	8dBi
Omnidirectionality	12dB Nominal
Polarization	Linear, Vertical
VSWR	2:1, Max
Impedance	50Ω
Power	5W x 3
Port-to-Port Isolation	22dB
Cable Length	91cm (36") x 3
RF Connector	Type N, Male
Cable Type	RG58, Low Temp Plenum
Radome Material	Polycarbonate, White
Weight	TBD
Mounting	Mast Mount
Wind Surface Area (Curvature)	0.03 sq. m. (0.328 sq. ft.)
Wind Survival	200 km/hr (125 mph)
Wind Gust Survival	266 km/hr (165mph)
Operational Temperature	-30°C to +70°C
Storage Temperature	-40°C to +85°C
Ingression Protection	IP67

The component(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 2002/95/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.

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MATERIAL: N/A		THIRD ANGLE PROJECTION	
FINISH: N/A		DO NOT SCALE DRAWING	
APPROVALS		DATE	
DRAWN BY	K. SEARL	04-28-11	
PROJ. ENG.			
APPL. MECH.			
MFG.			
		INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009	
		TOLERANCES UNLESS OTHERWISE SPECIFIED	
		DIMENSIONS ARE IN MILLIMETERS	
		ANGLE: ±30' 0 PLACE DECIMAL: +0.5 1 PLACE DECIMAL: +0.25 2 PLACE DECIMAL: ±0.13	
		SURFACE ROUGHNESS 1.6/√	

Laird TECHNOLOGIES MANCHESTER, NH 03103 USA

TITLE: **OP51508T-HP1 MOUNTING & OUTLINE**

SIZE **A3** DWG. NO. **OP51508T-HP1MO** REV **2**

SCALE: 1:5 PREVIOUS# SHEET 1 OF 1

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