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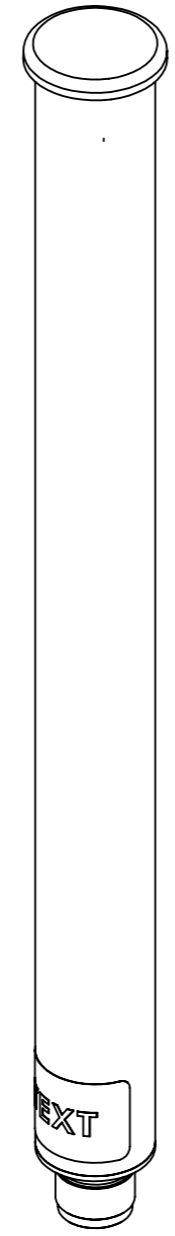
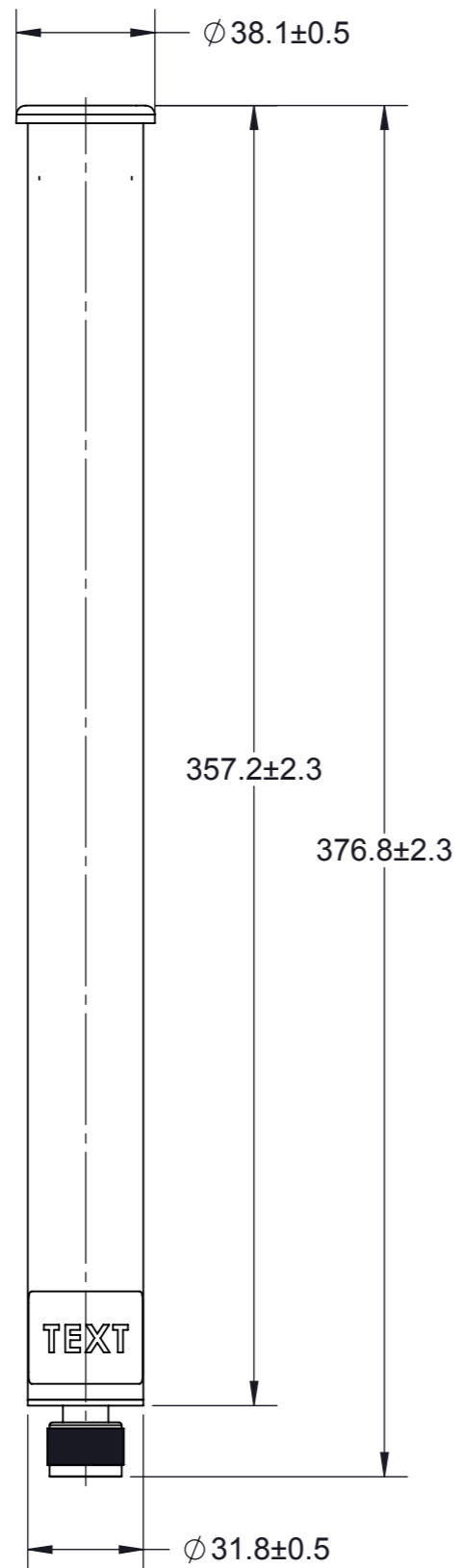
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REVISIONS					
REV.	ECR#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
AA			PRODUCTION RELEASE	S.J. 12/18/2013	S.J. 12/18/2013
F01	ECN-IAS-04758	TABLE	CHANGED POWER 1 Watt to 10 Watts	M.L. 20OCT15	T.P. 20OCT15



Parameter	Performance
Laird Model Number	OC24519-FNM
Frequency	2.4-2.5 GHz / 5.25-5.925 GHz
Max. Gain	7.5 dBi / 9 dBi
Average Gain	7 dBi / 8.5 dBi
Efficiency	94% / 85%
Polarization	Vertical
VSWR	2.4-2.5 GHz: <1.5:1 5.25-5.7 GHz: <1.8:1 5.7-5.85 GHz: <1.5:1 5.85-5.925 GHz: <2.0:1
E-Plane 3dB Beamwidth	22° / 11°
H-Plane 3dB Beamwidth	OmniDirectional
Omnidirectional Ripple	<2dB
Impedance	50 Ohm
Power	10 Watts
RF Connector	Type N, Male, Fixed, Tri-Metal
Weight	0.20kg
Radome	Polycarbonate, UV
Color	White
Operational Temperature	-30°C to +70°C
Storage Temperature	-40°C to +85°C
Mounting	Connector Fixed, Fixed Coupling Nut, Upright and Inverted Orientation

<b>MATERIAL:</b> N/A		THIRD ANGLE PROJECTION 
<b>FINISH:</b> N/A		
APPROVALS		DO NOT SCALE DRAWING  INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009  TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
DRAWN BY	S. JOHNSON 12/18/13	
ELEC. ENG.	T. PETROPOULOS 12/23/13	
MECH. ENG.	E. RUSSELL 12/18/13	
MFG./OPS.	B. THATCHER 12/18/13	

ANGLE: 0 PLACE DECIMAL: ±30' 1 PLACE DECIMAL: ±0.5 2 PLACE DECIMAL: ±0.25 SURFACE ROUGHNESS 1.6/√
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**Laird** MANCHESTER, NH 03103 USA

TITLE: **OC24519-FNM MOUNTING & OUTLINE**

SIZE **A3** DWG. NO. **OC24519-FNMMO** REV **F01**

SCALE: 1:2 PREVIOUS# SHEET 1 OF 1

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