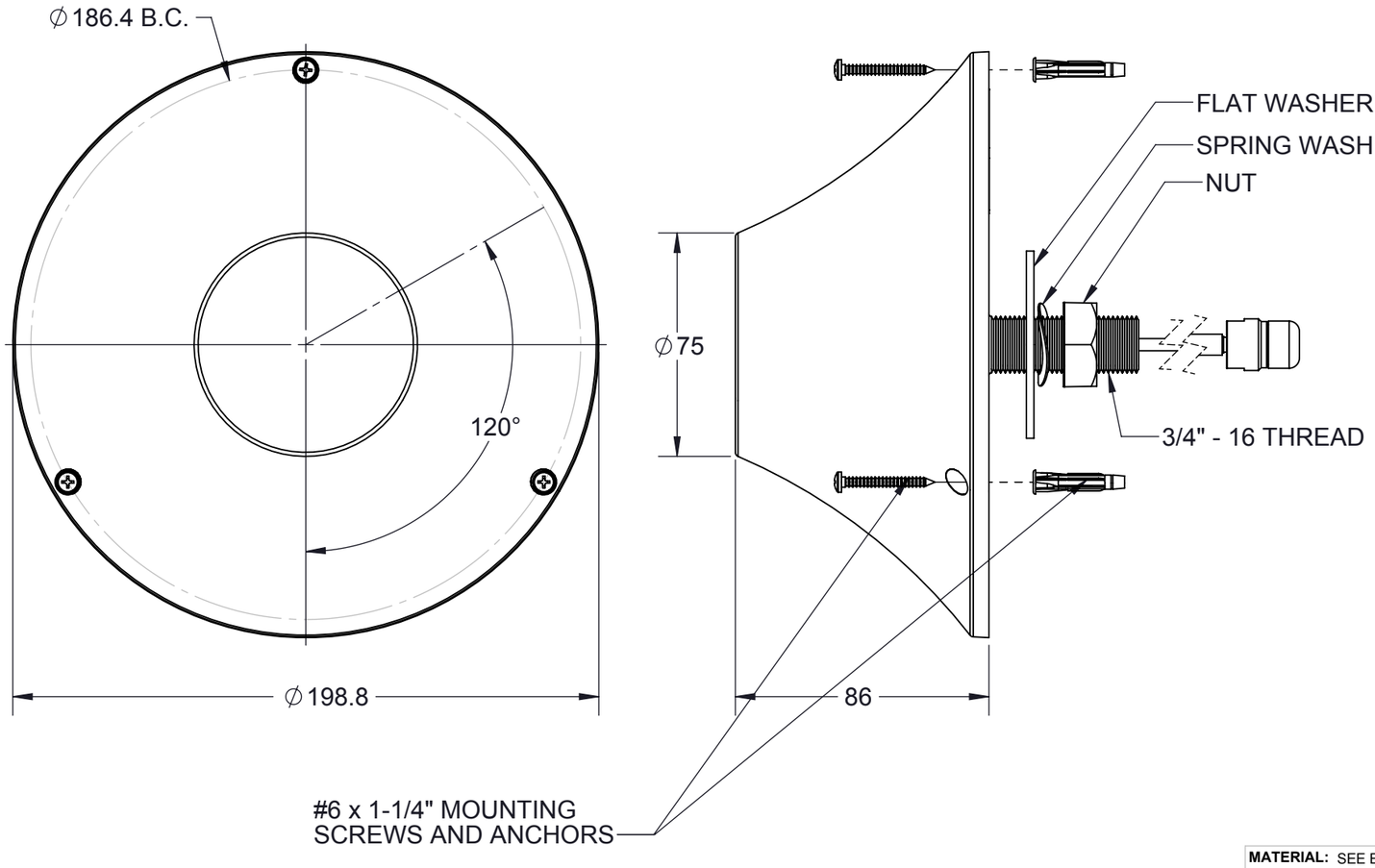
REVISIONS					
REV.	ECR#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
AA			INITIAL RELEASE	MJM 10/15/13	ER 10/15/13
F1	ECN-IAS-02069		CHANGE PER IAS-ENG-001 UPDATED PIM LEVEL	MJM 2FEB14	ER 2FEB14
F2	ECN-IAS-2403		CHANGED MOUNTING CONFIGURATION	MJM 10JUN14	SJ 10JUN14



Parameter	Performance
Model Number	CMS69273-30NF
Frequency	698-806 MHz
	824-894 MHz
	925-960 MHz
	1575 MHz
	1710-1885 MHz
	1920-1980 MHz
	2110-2170 MHz
	2500-2700 MHz
Peak Gain (Typical)	700-960 MHz Gain = 1 dBi
	1700-2700 MHz Gain = 3 dBi
Polarization	Linear, Vertical
VSWR (698-960 MHz / 1710-2700 MHz)	2.0:1 Max.
VSWR (1575 MHz)	2.5:1 Max.
PIM Level (20W, two tones)	-150 dBc max
Power	25 Watts
Pigtail Length	30cm +/- 1.3cm
RF Connector	TYPE N(f)
Cable Type	Plenum Rated
Radome Color	White
Antenna Weight	0.25 kg

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: SEE BOM

FINISH:

APPROVALS		DATE
DRAWN BY	M.McGINNIS	10OCT13
PROJ. ENG.	W. CHANG	10OCT13
APPL. MECH.	E.RUSSELL	10OCT13
MFG.	B.THATCHER	10OCT13

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

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:

CMS69273P ASSEMBLY DRAWING

SIZE	DWG. NO.	REV
A3	CMS69273P-30NFMO	F2

SCALE: 1:5 | PREVIOUS# | SHEET 1 OF 1