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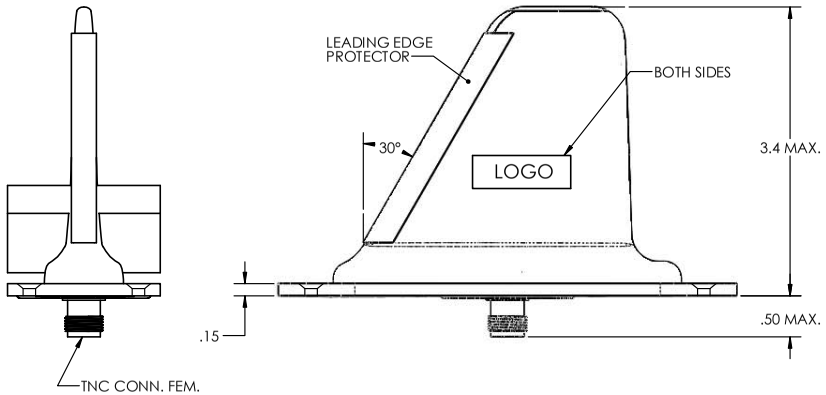
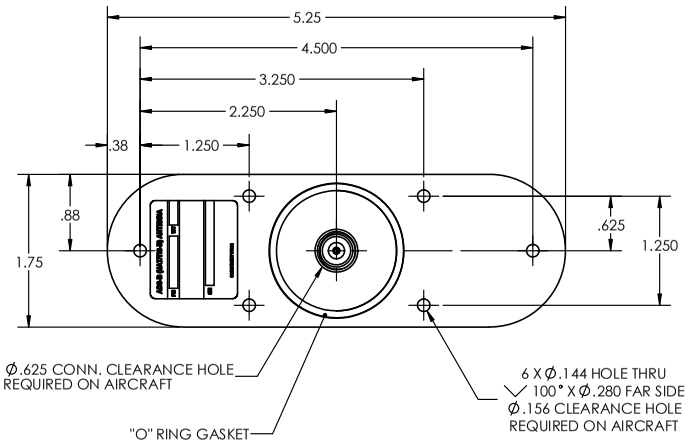
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVAL
A	RELEASED DRAWING MN	11/02/15	DH 11/02/15





NOTES: UNLESS OTHERWISE SPECIFIED

1. RF CHARACTERISTICS

FREQUENCY	960 MHz TO 1220 MHz	1030 MHz TO 1090 MHz	978 MHz	1090 ± 1 MHz
VSWR	2.0:1 MAX	1.5:1 MAX	1.7:1 MAX	1.5:1 MAX
RETURN LOSS	9.54dB MAX.	-13.98 dB MAX.	-11.73 dB	-13.98 dB MAX.
POLARIZATION	VERTICAL			
RADIATION PATTERN	OMNI -DIRECTIONAL			
IMPEDANCE	50 OHMS			
RF POWER	1 KW PEAK			

2. WEIGHT: 0.3 LB.
3. FINISH: POLYURETHANE WHITE PAINT.
4. MOUNTING SURFACE, CONNECTOR AND MOUNTING HOLES ARE FREE OF PAINT.
5. TSO-C66c, 960-1215 MHz
   TSO-C74d, CLASS A, 1030-1090 MHz
   TSO-C112e, 1030-1090 MHz
   TSO-C154c, CLASS A3, 978 MHz
   TSO-C166b, CLASS A, B, 1090 ± 1 MHz
   RTCA/DO-160G, ENV. CAT.:
   [F2X]ACE[R(C,C1)H(R)U2(F,F1)S(L)]XSFSXSXXXX[XXX][XX]X[XXXXXX][XX]AXX
6. A10540 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.

DWG NO CI 105-17-L REV. A

INSTALLATION DRAWING

ASSY DWG C10538

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ON DECIMALS .XX ± .03 .XXX ± .015. FRACTIONS ± 1/32 ANGLES ± 1°. MACHINE FINISH 125 PER ANSI-B46.1. REMOVE BURRS AND SHARP EDGES .015 MAX. MEET DIMENSIONS BEFORE PLATING. DIMENSIONS ARE PER ASME Y14.5M. MATERIAL : DO NOT SCALE DRAWING	CONTRACT NO.		
	APPROVALS		DATE
	DRAWN	M. NGUYEN	11/02/15
	CHECK	D. HOLLOWAY	11/02/15
	ENGR	D. HOLLOWAY	11/02/15
	MFG	J. JONES	11/02/15
	QC	S. ADAMS	11/02/15

Comant Industries, Inc.

ANTENNA-
ADS-B

DWG SIZE	CODE IDENT	DWG. NO.	REV.
C	51351	CI 105-17-L	A

SCALE: 1:1 | CAD FILE: -- | SHEET : 1 OF 1

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