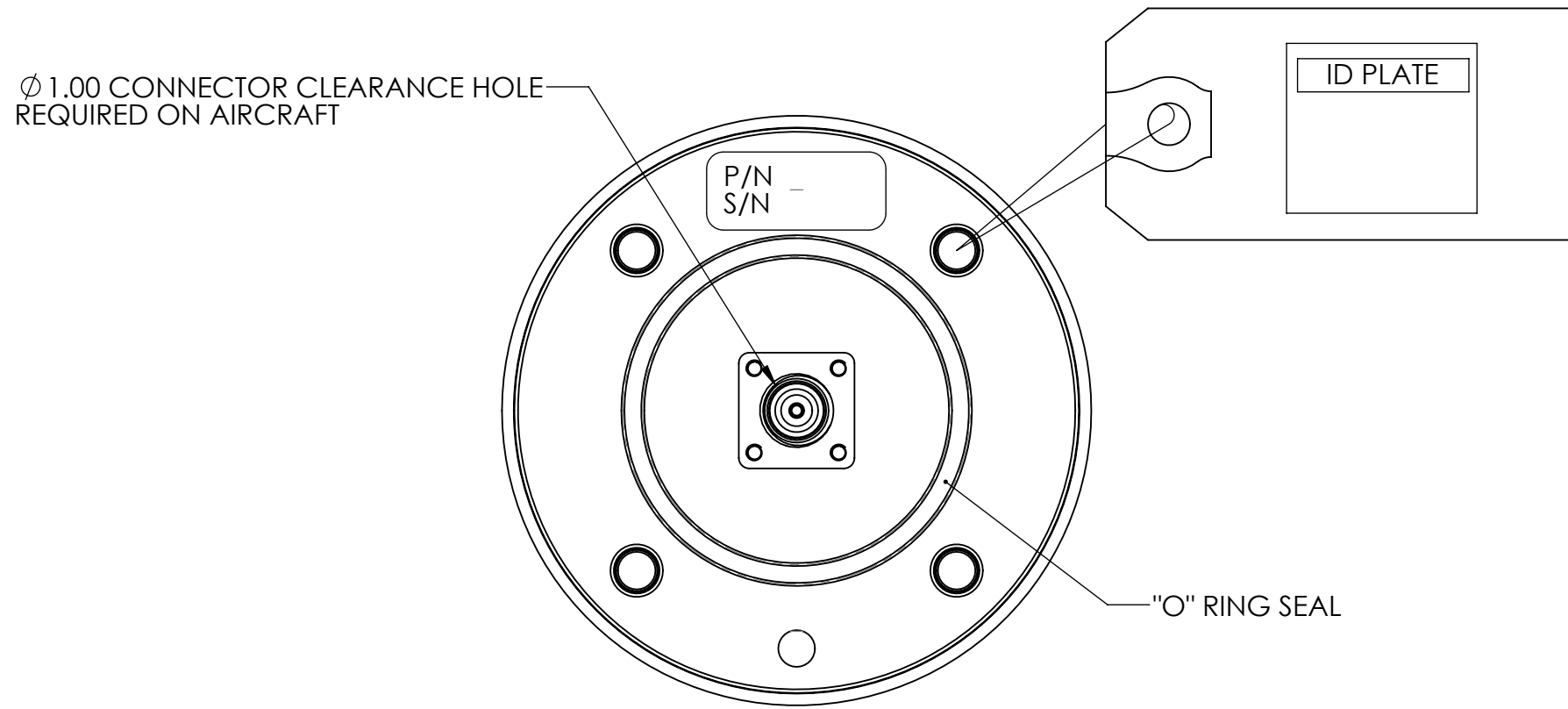
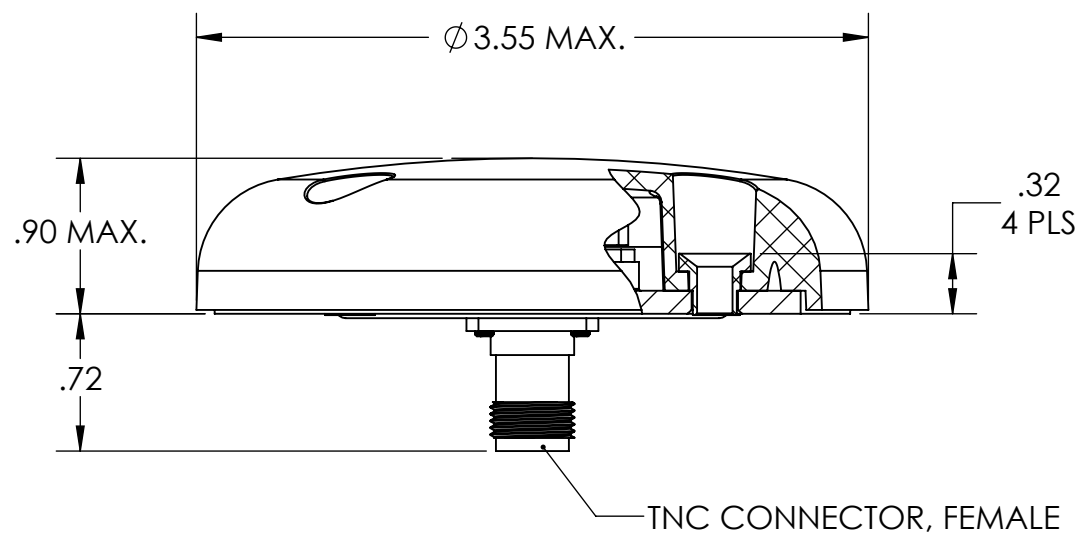
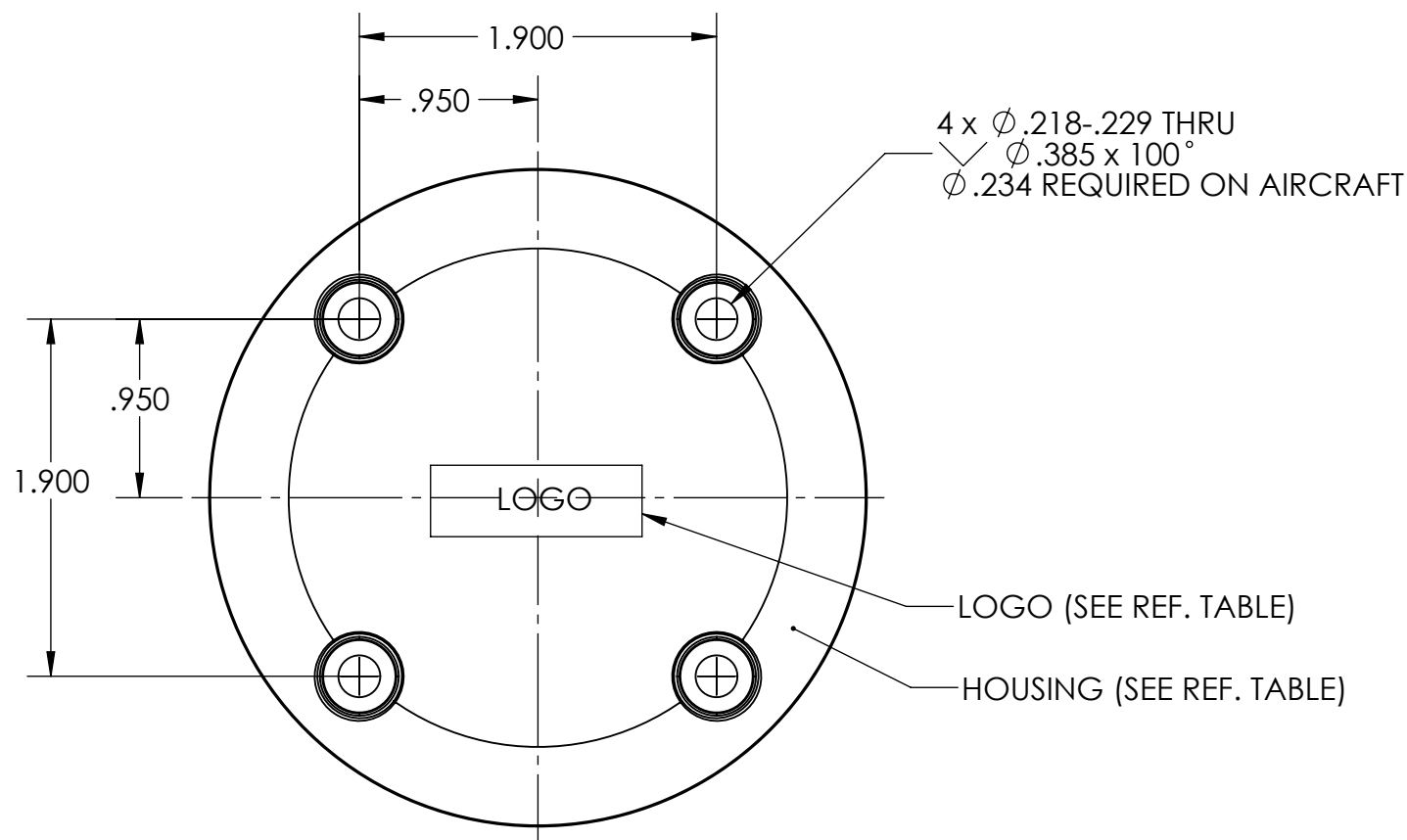


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REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	RELEASED DRAWING	MN	9/24/13	DH 09/24/13
B	REF ECN 20-030	RM	6/18/20	DH 6/18/20
C	REF ECN 24-028	RM	4/25/25	LH 04/25/25



- NOTES: UNLESS OTHERWISE SPECIFIED
- RF CHARACTERISTICS:
 - FREQUENCY _____ 1616.0 TO 1626.5 MHz
 - VSWR _____ 1.5:1 MAX.
 - R/L _____ 13.98 dB
 - POLARIZATION _____ RIGHT HAND CIRCULAR POLARIZATION
 - RADIATION PATTERN _____ HEMISPHERICAL
 - IMPEDANCE _____ 50 OHMS OUTPUT (NOMINAL)
 - GAIN _____ + 3.0 dBic @ ZENITH
(MEASURED ON 4' CIRCULAR GROUND PLANE)
 - POWER HANDLING _____ 6.5 WATTS AVG.
 - LIGHTNING PROTECTION _____ DC GROUNDED
 - WEIGHT : 5.0 oz MAX.
 - TSO C159a (INCOMPLETE SYSTEM), RTCA/DO-160G ENV. CAT.:
[F2X]ACE[R(C,C1)H(R)]XSFSXSXXX[XXX][XX]X[XXXXXX][2A]AXX
 - A49042 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.

DASH NO.	HOUSING	LOGO	ASSY DWG.
	D49036-1	B00979-1	D49035
-1	B49068-1	-	D49067

INSTALLATION DRAWING

UNLESS OTHERWISE SPECIFIED		CONTRACT NO.		THALES					
DIMENSIONS ARE IN INCHES TOLERANCES ON DECIMALS .XX ± .03 .XXX ± .010 FRACTIONS ± 1/16 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		APPROVALS		DATE		COMDAT ® IRIDIUM ANTENNA			
		DRAWN	M. NGUYEN	09/24/13					
		CHECK	D. HOLLOWAY	09/24/13					
		ENGR	D. HOLLOWAY	09/24/13					
MATERIAL :		MFG	J. JONES	09/24/13		DWG SIZE C	CAGE CODE 51351	DWG. NO. CI 490-490-*	REV. C
		QC	S. ADAMS	09/24/13					
DO NOT SCALE DRAWING				SCALE: 1:1		CAD FILE: --		SHEET : 1 OF 1	