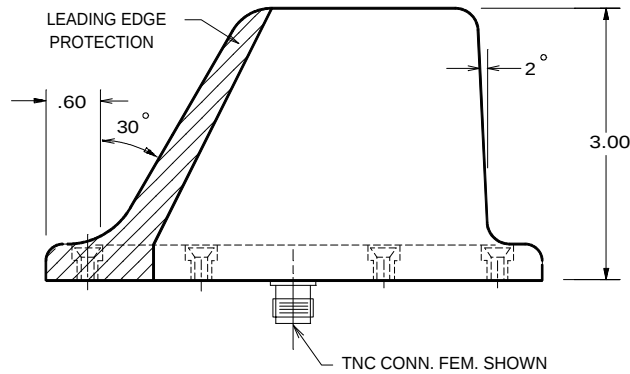
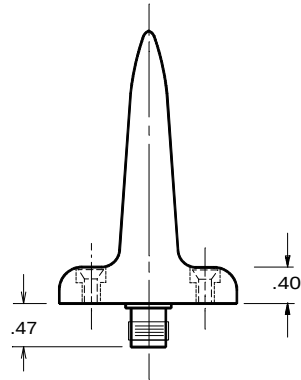


TABLE 1

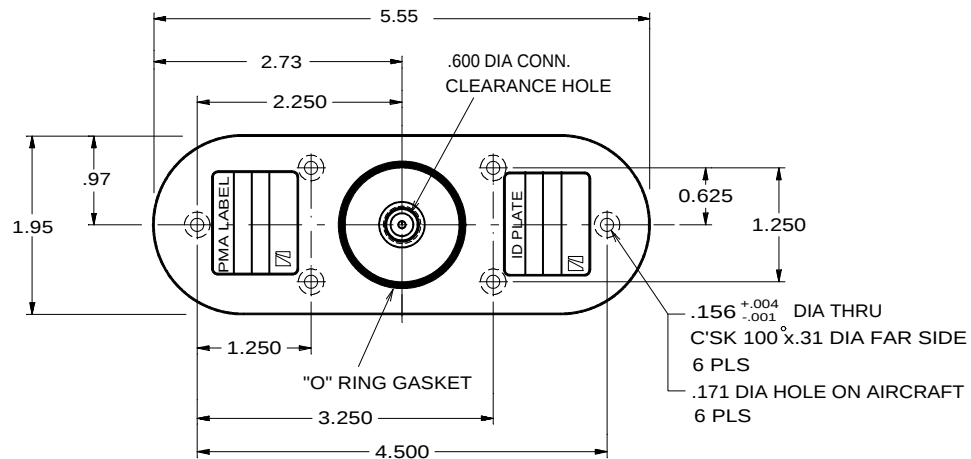
DASH NO.(*)	CONN. TYPE
-30	BNC
-31	RESERVED
-32	TNC
-33	C
-34	HN
-35	N

NOTE: -L MEANS LEADING EDGE PROTECTION

EX: CI 150-32-L MEANS
CI 150 WITH TNC CONN. AND
LEADING EDGE PROTECTION



INSTALLATION DRAWING



NOTES:

1. RF CHARACTERISTICS:

FREQUENCY _____ 2400-2500 MHz
VSWR _____ 1.6:1 MAX.
POLARIZATION _____ VERTICAL
RADIATION PATTERN _____ EQUIV. OF $\lambda/4$ STUB
RF POWER _____ 100 WATTS MAX.AVG.
IMPEDANCE _____ 50 OHMS
EFFICIENCY _____ 90% MIN.

2. FINISH: POLYURETHANE PAINT, WHITE

3. MOUNTING SURFACE, CONNECTOR AND MOUNTING HOLES ARE FREE OF PAINT.

4. RTCA DO-160D ENV.CAT.: [E1]-AC[C,C1,F,F1,R]XRFDXSXX[XX][XX]X[XXXX][X]X

5. WEIGHT: 0.30 LBS NOMINAL

6. AIR SPEED: 600 KNOTS TAS @ 25,000 FT.

NEXT ASSY	USED ON	DWG DASH NO.
APPLICATION		

UNLESS OTHERWISE SPECIFIED		CONTRACT NO.		 Comant Industries, Inc.	
DIMENSIONS ARE IN INCHES		DATE		TITLE	
TOLERANCES ON		MAY 13-96		S-BAND ANTENNA	
DEC .XX ± .03 .XXX ± .010		DFTSM	H.Nguyen	05/13/96	DWG. SIZE C
FRACTIONS ± 1/16 ANGLES ± 1°		CHECK	D.J.Holloway	05/20/96	
MACH.FINISH 125/ PER ASME B46.1 REMOVE BURRS AND SHARP EDGES .015 MAX. MEET DIM. BEFORE PLATING DIMENSIONS ARE PER ASME Y14.5M		ENGR	S.Caslow	05/20/96	
MATERIAL		APPD	R.Siccama	05/21/96	
DO NOT SCALE DRAWING				SCALE 1/1	WT
				SHEET	

CI 150-*.*