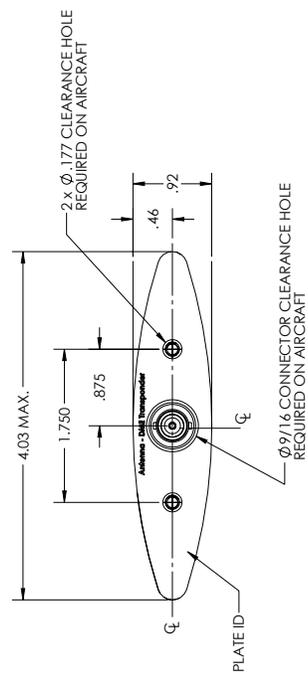
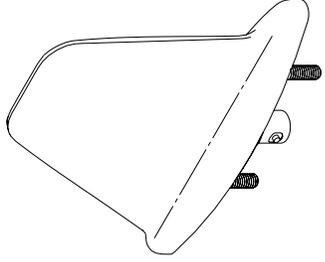
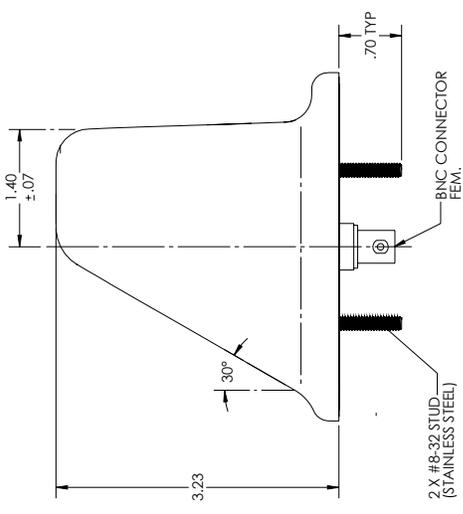


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LTR	DESCRIPTION	DATE	APPROVED
B	REF ECN 08-095	12/11/08	DH 12/11/08
C	REF ECN 13-028	8/7/13	DH 8/7/13
D	REF ECN 19-060	7/8/19	DH 7/8/19
E	REF ECN 22-144	8/11/22	DH 08/11/22
F	REF ECN 23-016	3/28/23	DH 03/28/23



- NOTES: UNLESS OTHERWISE SPECIFIED
- RF CHARACTERISTICS
 - FREQUENCY 960 TO 1220 MHz
 - VSWR 1.5:1 MAX. @ 960 TO 1220 MHz
 - R/L 1.3:1 MAX @ 1025 TO 1150 MHz
 - 14.0 dB MAX. @ 960-1220 MHz
 - 17.7 dB MAX. @ 1025-1150 MHz
 - POLARIZATION VERTICAL
 - RADIATION PATTERN EQUIVALENT OF A QUARTER WAVE STUB
 - RF POWER 2.5 KW PEAK
 - MOUNTING SURFACE, CONNECTOR AND MOUNTING HOLES ARE FREE OF PAINT.
 - ISO C66c, C74c, D0-160D ENV. CAT.: [E]X[XXX]C-CI.FF1.RXRFXXX[XXX]X[XXX]XXX
 - WEIGHT: 0.2 LB.
 - AIR SPEED: 400 KNOTS TAS @ 25,000 FT
 - CONSTRUCTION: UNPAINTED WHITE VALOX SHELL FILLED WITH EPOXY.
 - A 105102 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.

INSTALLATION DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON DECIMALS .XX ± .03 .XXX ± 0.10 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 MATERIAL:		CONTRACT NO.	
APPROVALS	DATE	DRAWN	
CHECK	5/31/00	H. NGUYEN	
ENGR	5/31/00	D. STEWARD	
QC	6/02/00	D. HOLLOWAY	
APPD	5/31/00	P. BOSNEANU	
DO NOT SCALE DRAWING		SCALE: 1:1	

Comant Industries, Inc.
ANTENNA-DME TRANSPONDER

BWG SIZE	C	BWG NO.	CI 105-16	REV.	F
CODE IDENT	51351	CAD FILE: --		SHEET: 1 OF 1	

ASSY DWG. C10501-16