

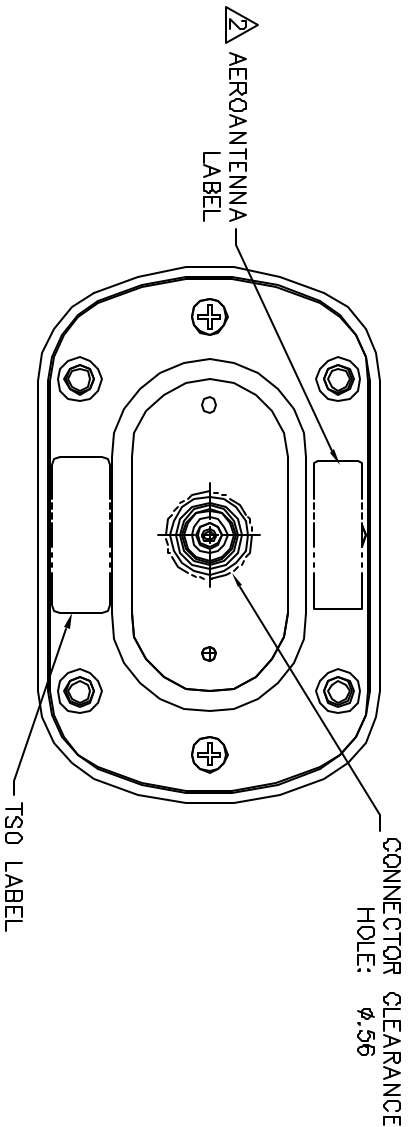
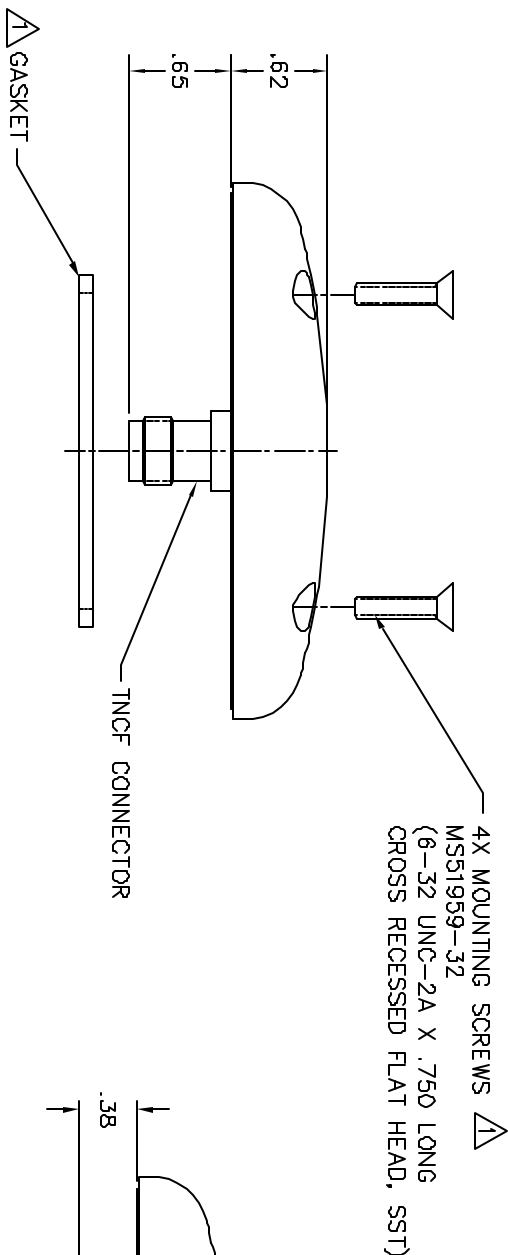
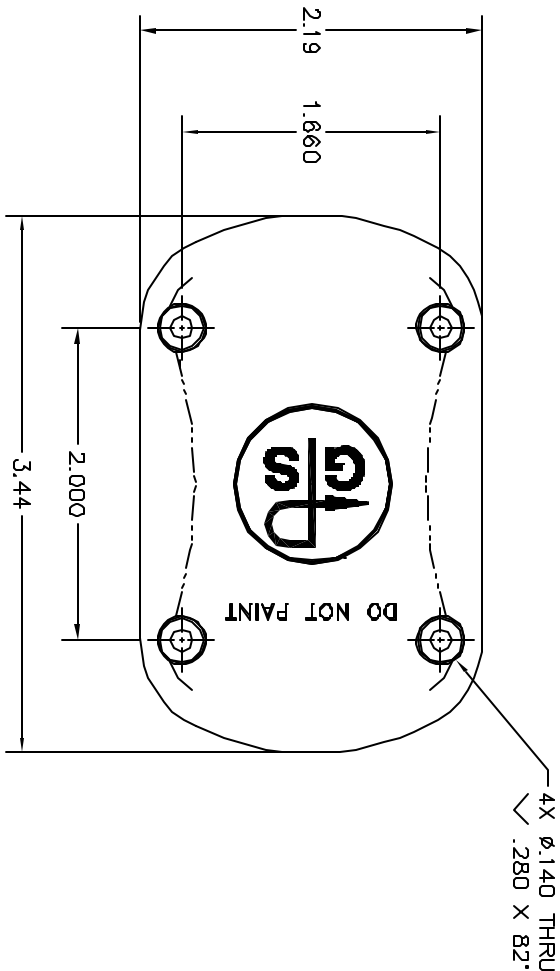
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NOTES: UNLESS OTHERWISE SPECIFIED.

△ GASKET AND MOUNTING SCREWS SUPPLIED BY AEROANTENNA.

△ LABEL SIZE, SHAPE, CONTENTS AND LOCATION ARE SUBJECT TO CHANGE WITHOUT NOTICE.

3. TOLERANCES: .XX = ±.03
.XXX = ±.010



WITH SMA-F CONNECTOR

SPECIFICATION:

FREQUENCY:	1575 ±10 MHz
POLARIZATION:	RIGHT HAND CIRCULAR
AXIAL RATIO:	3 DB MAX AT BORE SIGHT
RADIATION COVERAGE:	ELEVATION ANGLE >15° MINIMUM GAIN 10° -2.0 dBic 5° -3.0 dBic 0° -4.5 dBic -7.5 dBic
AMPLIFIER:	
GAIN:	SPECIFY
VOLTAGE:	SPECIFY
NOISE FIGURE:	2.5 DB MAX
IMPEDANCE:	50 OHMS
VSWR:	≤2.0:1
BAND REJECTION:	35 DB @ 1625 MHZ
POWER HANDLING:	1 WATT
FINISH:	POLYURETHANE ENAMEL
WEIGHT:	3.9 OZ
ALTITUDE:	55,000'
OPERATING TEMP.:	-55°C TO +85°C
DESIGNED TO:	DO-160D,
TSO:	ENV CAT: F2-ABB[S(C)LMYU(FF1)]XSFDfSZXXXXCPX[A3][2A]CX C-144

PART NO. DESIGNATION:

AT575-62X-XXXX-XXX-XX-XX-XX

COLOR	W = WHITE S = SMOKE GRAY O = OLIVE DRAB
CONNECTOR	TNC-F = TNC FEMALE SMA-F = SMA FEMALE
CABLE LENGTH	* 000 = IN INCHES
MAGNET	NM = NO MAGNET
GAIN (± 2 DB)	00 = PASSIVE 14 = 14 DB (20 mA) 26 = 26 DB (35 mA) 38 = 38 DB (50 mA) XX = OTHER
VOLTAGE	00 = PASSIVE * 05 = 5 VDC RG = 5-18 VDC XX = OTHER

* = OPTION NOT AVAILABLE WITH THIS MODEL
STANDARD MODEL = AT575-62W-TNCF-000-RG-38-NM



DO NOT SCALE THIS DRAWING	ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994
TOLERANCES: .XX = ±.01 XXX = ±.005 FRACT = 1/32 ANG. = 1/2°	✓ SURFACE ROUGHNESS MACHINED PARTS V2 WELDED PARTS V2 REMOVE BURRS AND BREAK SHARP EDGES. PART TO BE CLEAN AND OIL FREE
DRAWN L. TIVAROVSKY	02/25/97
CHECKED E. GALBAN	03/01/97
ENGR T. JEENSALUTE	03/01/97
MFG D. LEVY	05/21/03
QA B. RUBENI	03/01/97
APPROVED G. SHAR	02/08/00
DRAWN IN CAD	
SIZE B	QAGE CODE OUVG2
SCALE NONE	DRAWING NO. AT575-62
11: \CAD\AT575\ -62\AT575-62G	SHEET 1 OF 1
REV C	

GPS ANTENNA

AeroAntenna Technology Inc