

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
P	UPDATED PER ECO 9600	01/20/11	
CHANGE O-RING GROOVE DEPTH FROM .070 TO .080			

NOTES: UNLESS OTHERWISE SPECIFIED.

- 1 O-RING AND MOUNTING SCREWS SUPPLIED BY AEROANTENNA.
- 2 LABEL SIZE, SHAPE, CONTENTS AND LOCATION ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- 3. TOLERANCE: .XX = ±.03
.XXX = ±.010

SPECIFICATION:

FREQUENCY: 1575 ±10 MHz
 POLARIZATION: RIGHT HAND CIRCULAR
 AXIAL RATIO: 3 dB MAX. AT BORE SIGHT
 RADIATION COVERAGE: ELEVATION ANGLE MINIMUM GAIN
 > 15° -2.0 dBic
 10° -3.0 dBic
 5° -4.5 dBic
 0° -7.5 dBic

AMPLIFIER:
 NOISE FIGURE: 2.5 dB MAX.
 IMPEDANCE: 50 OHMS
 VSWR: ≤2.0:1
 BAND REJECTION: 35 dB
 POWER HANDLING: 1 WATT
 FINISH: POLYURETHANE ENAMEL
 WEIGHT: 8 OZ MAX.
 ALTITUDE: 70,000'
 OPERATING TEMP: -55°C TO +85°C
 DESIGNED TO: DO-160D,
 ENV CAT: E1-ABB[S(CLMY)U(FF1)]XSFDFSZXXXXPX[A3][2A]CX
 ARINC 743
 MIL-STD-810C

TSO: C-144



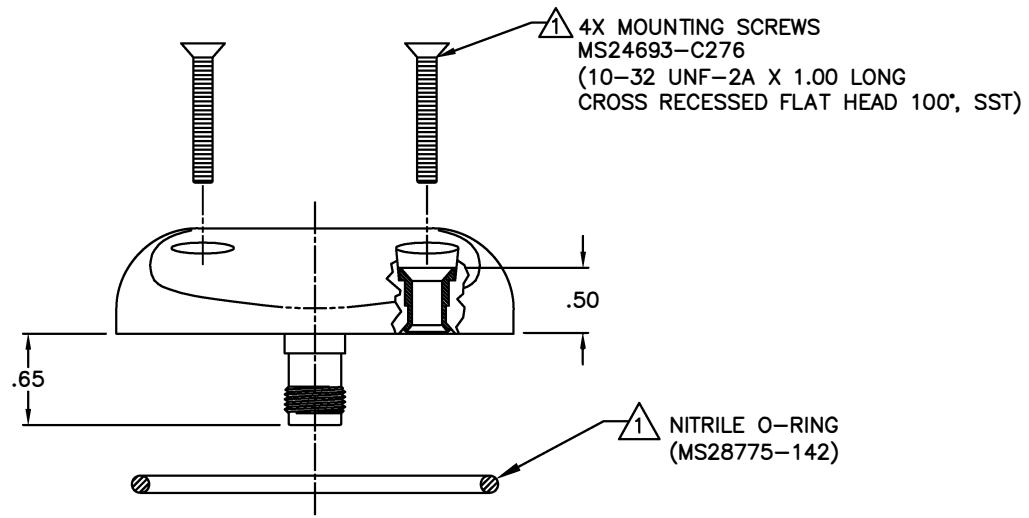
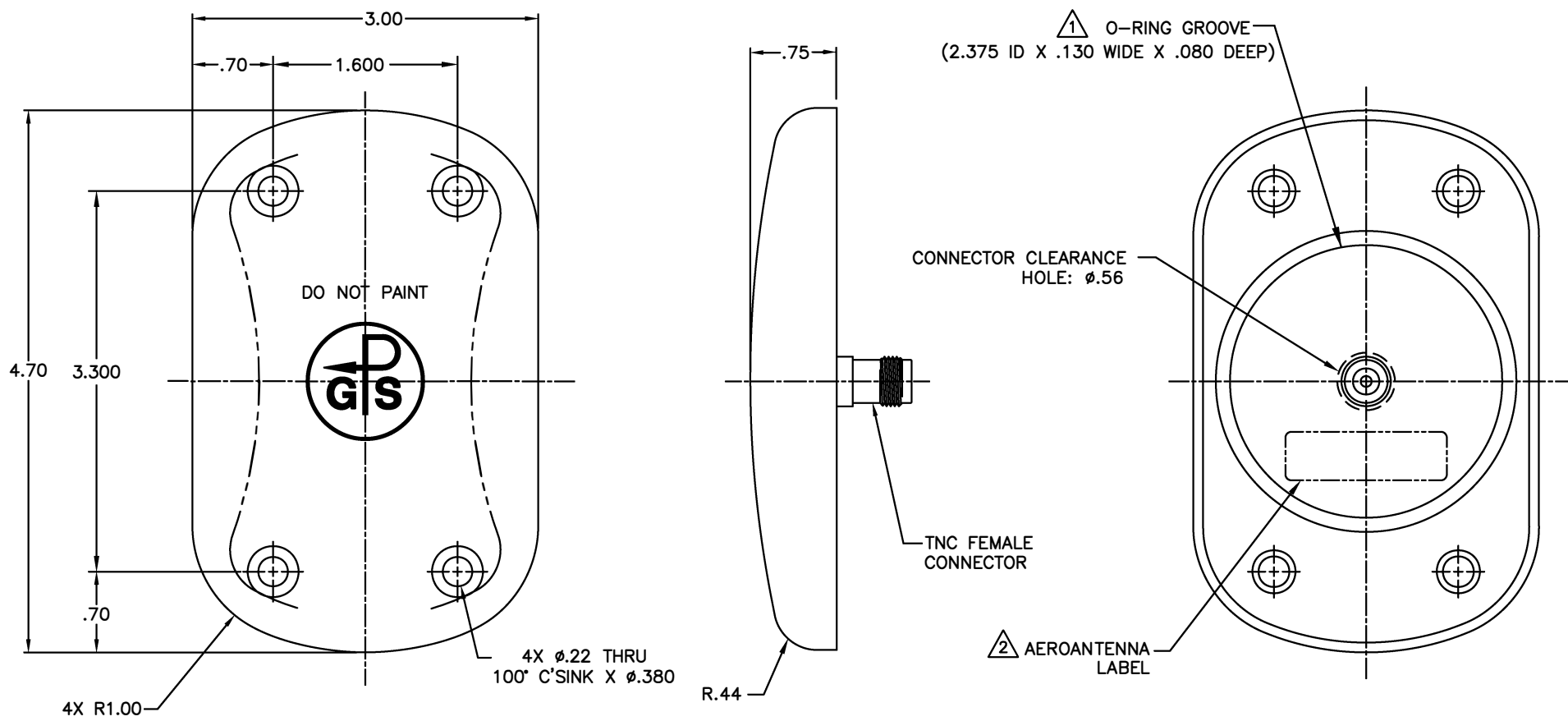
PART NO. DESIGNATION:
 AT575-43XXX-XXXX-XXX-XX-XX-XX

CUSTOMER ID (IF APPLICABLE) _____
 COLOR W = WHITE _____
 CONNECTOR TNCF = TNC FEMALE _____
 CABLE LENGTH 000 = IN INCHES _____

MAGNET NM = NO MAGNET _____
 GAIN (± 2 dB)
 * 00 = PASSIVE
 * 12 = 12 dB (20 mA)
 * 26 = 26 dB (50 mA)
 * 38 = 38 dB (50 mA)

VOLTAGE
 * 00 = PASSIVE
 * 05 = 05 VDC
 * RG = 5 - 18 VDC

* = OPTION NOT AVAILABLE WITH THIS MODEL
 STANDARD MODEL= AT575-43W-TNCF-000-05-38-NM



03-9243358 פקס: 03-9243352:70 ▪ פ"ת 7042 ת.ד. 14, אודם 14
 www.hypertech.co.il ▪ sales@hypertech.co.il

DO NOT SCALE THIS DRAWING	DRAWN	L. TIVAROVSKY	02/12/97
REMOVE BURRS AND BREAK SHARP EDGES:	CHECKED	E. GALBAN	02/26/97
PART TO BE CLEAN AND OIL FREE	ENGR	T. JEENSALUTE	05/15/03
ALL DIMENSIONS ARE IN INCHES	MFG	D. LEVY	05/15/03
DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994	Q.A.	B. RUBENI	02/28/97
TOLERANCES:	APPROVED	G. SHAR	06/05/98
XXX = ±.01 FRACT = ±1/32	DRAWN IN	CAD	
XXX = ±.005 ANG. = ±1/2°			
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32			
HOLE DIA TOLERANCE			
.0135 - .125 +.001/-001			
.126 - .250 +.005/-001			
.251 - .500 +.008/-001			
.501 - .750 +.008/-001			

AeroAntenna Technology Inc
 AS9100 CERTIFIED CO.

TITLE: GPS ANTENNA

SIZE	CAGE CODE	DRAWING NO.	REV
B	OUVG2	AT575-43	P

SCALE: NONE | I:\CAD\AT575\43\AT575-43_P | SHEET 1 OF 1

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