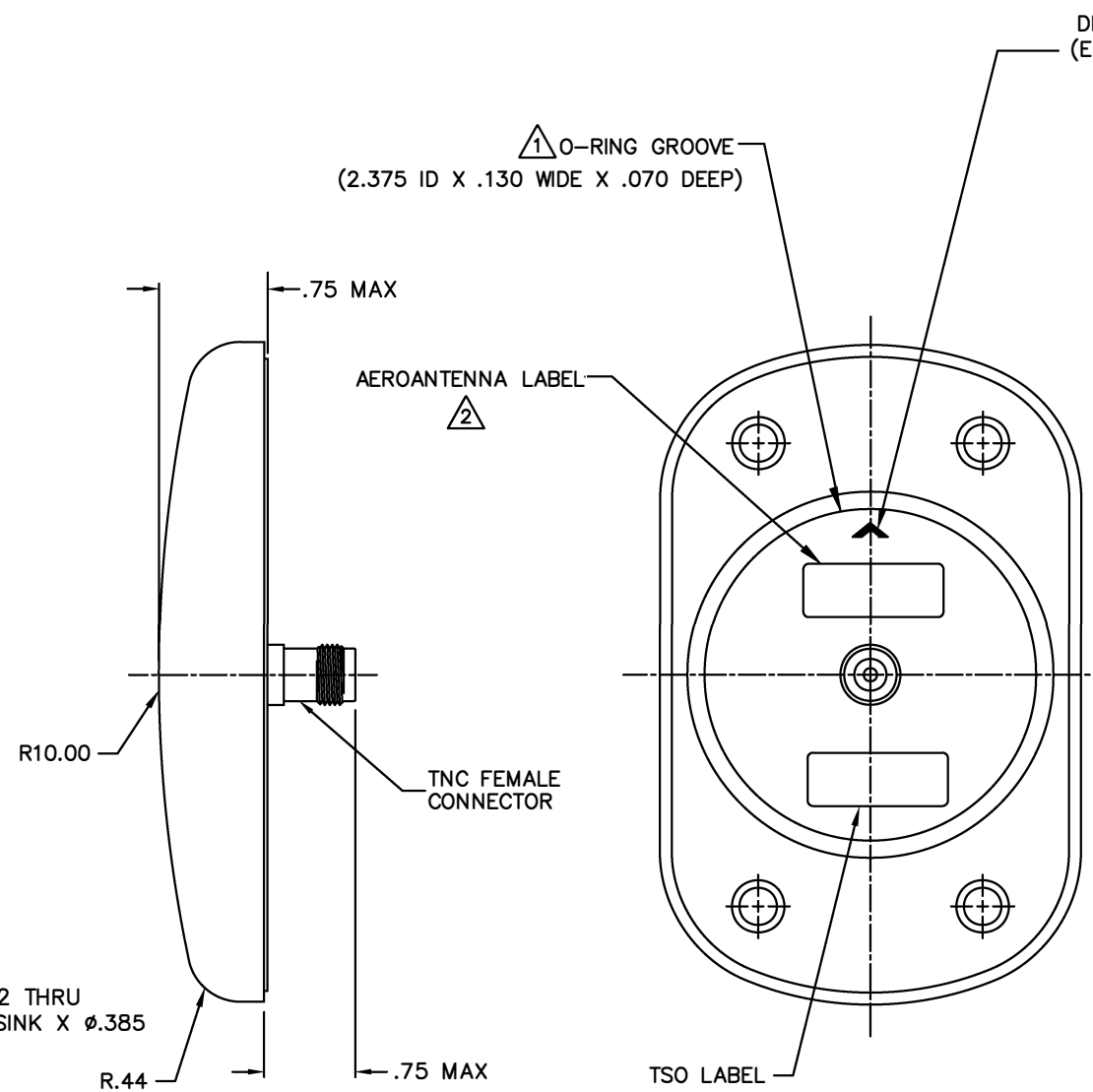
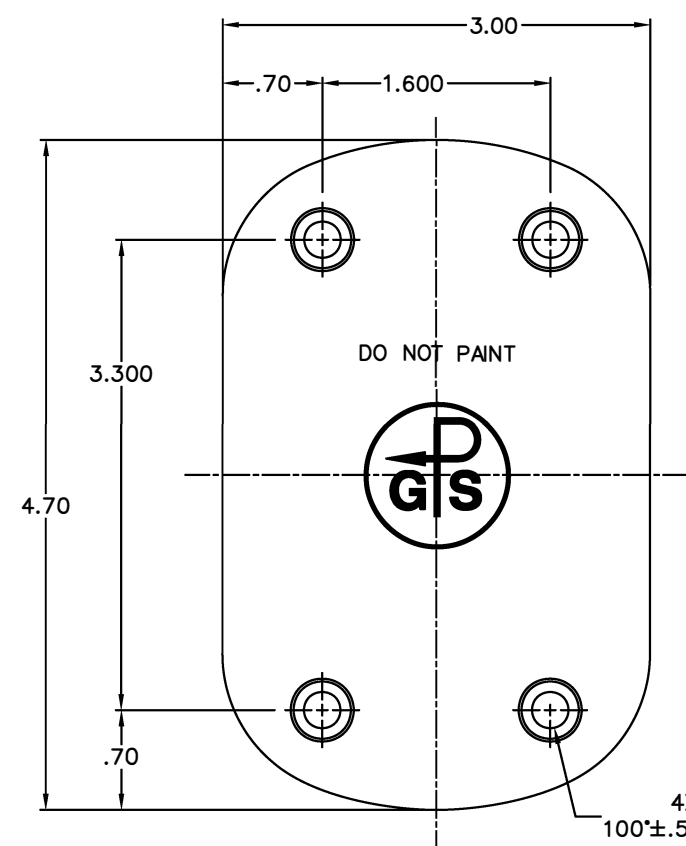


REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
J	UPDATE PER ECO 9422	09/27/10	
REMOVE LOCKING SCREW			

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: SPECIFY
 GAIN: 3.2 dB MAX. @25°C
 NOISE FIGURE: 50 OHMS
 IMPEDANCE: ≤2.0:1
 VSWR: EXCEEDS RTCA/DO-228 CHANGE 1
 BAND REJECTION: 1 WATT
 POWER HANDLING: POLYURETHANE
 FINISH: 8 OZ MAX.
 WEIGHT: 55,000'
 ALTITUDE: -70°C TO +70°C
 OPERATING TEMP: DO-160D
 DESIGNED TO: ENV CAT: F2-ABD[S(CLMY)U(FF1)]ESFDFSB[BZ]AZZ[YYP]H[A4ZZ][2A]CA
 MIL-STD-810C
 ARINC 743, RTCA/DO-208,228
 MIL-STD-810C
 C144
 C144



PART NO. DESIGNATION:

AT575-143XXX-XXXX-XXX-XX-XX-XX

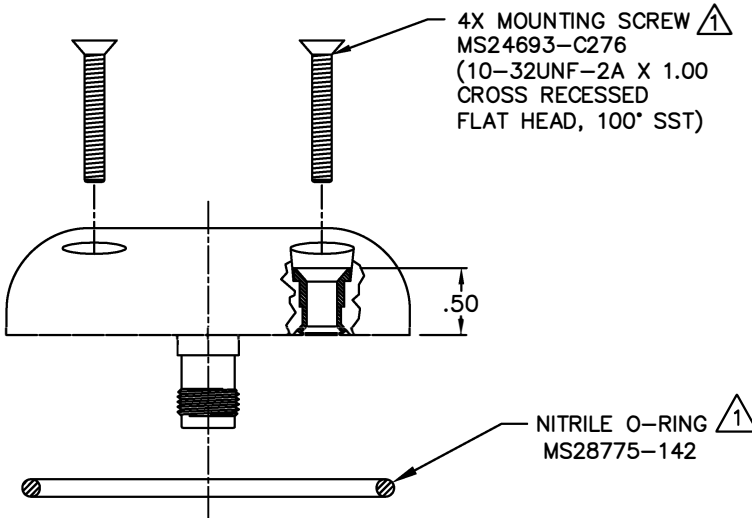
CUSTOMER ID (IF APPLICABLE)
 COLOR: W = WHITE, S = SMOKE GRAY
 CONNECTOR: TNC F = TNC FEMALE
 CABLE LENGTH: 000 = IN INCHES

MAGNET: NM = NO MAGNET
 GAIN (±3 dB): 29.5 = 29.5 dB (50 mA max), 26 = 26 dB (50 mA max)
 VOLTAGE: RG = 5 - 18 VDC



03-9243358 :פסק 03-9243352 :טל 7042 9"פ"ת 14 אודם ת.ד. 03-9243358 :פסק
 www.hypertech.co.il • sales@hypertech.co.il

STANDARD MODEL= AT575-143W-TNCF-000-RG-29.5-NM



DO NOT SCALE THIS DRAWING	DRAWN	A. DEVERA	03/31/99
REMOVE BURRS AND BREAK SHARP EDGES:	CHECKED	J. BAELLY	08/06/99
PART TO BE CLEAN AND OIL FREE	ENGR	T. JEENSALUTE	08/05/99
ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994	MFG	D. LEVY	01/27/04
TOLERANCES:	Q.A.	B. RUBENI	08/05/99
→XX ±.01 FRACT = ±1/32	APPROVED	G. SHAR	08/05/99
→XXX ±.005 ANG. = ±1/2°	DRAWN IN	CAD	
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32			
HOLE DIA. TOLERANCE			
.0135 - .125 +.001/-0.001			
.126 - .250 +.005/-0.001			
.251 - .500 +.008/-0.001			
.501 - .750 +.008/-0.001			

AeroAntenna Technology Inc
 AS9100 CERTIFIED CO.

TITLE: GPS ANTENNA

SIZE: B CAGE CODE: OUVG2 DRAWING NO.: AT575-143 REV: J

SCALE: NONE I:\CAD\AT575\143\AT575-143_J SHEET 1 OF 1

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