

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
K	UPDATE PER ECO 8954	10/14/09	
CHANGE DIAMETER OF MOUNTING HOLES TO 0.22 WITH A COUNTERSINK DIAMETER OF 0.38			

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. TOLERANCES: .XX = ±.040  
.XXX = ±.010

**SPECIFICATION:**

FREQUENCY: 1227 ±10 MHz  
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, FLUID RESISTANT

WEIGHT: 8 OZ MAX

ALTITUDE: 70,000'

OPERATING TEMP: -55°C TO +85°C

DESIGNED TO: D0-160D,  
ENV CAT: E1-ABB[S(CLMY)U(FF1)]XSFDFSZAAAZPH[A3][2A]CX  
C-144

TSO:



**PART NO. DESIGNATION:**

AT2775-41XXX-XXXX-XXX-XX-XX-XX

CUSTOMER ID (IF APPLICABLE)

COLOR  
 W = WHITE  
 S = SMOKE GRAY  
 O = OLIVE DRAB  
 B = BLACK

CONNECTOR  
 TNCF = TNC FEMALE

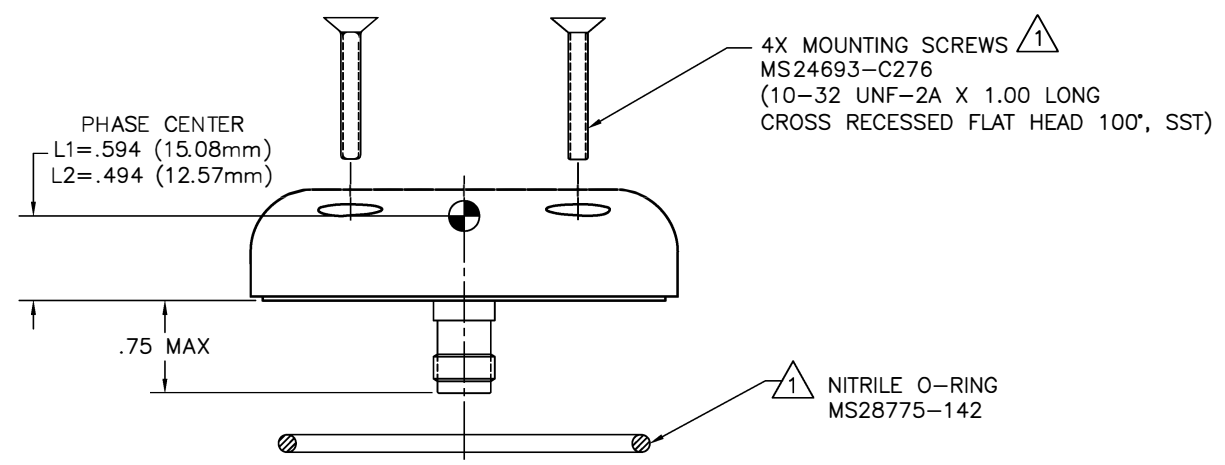
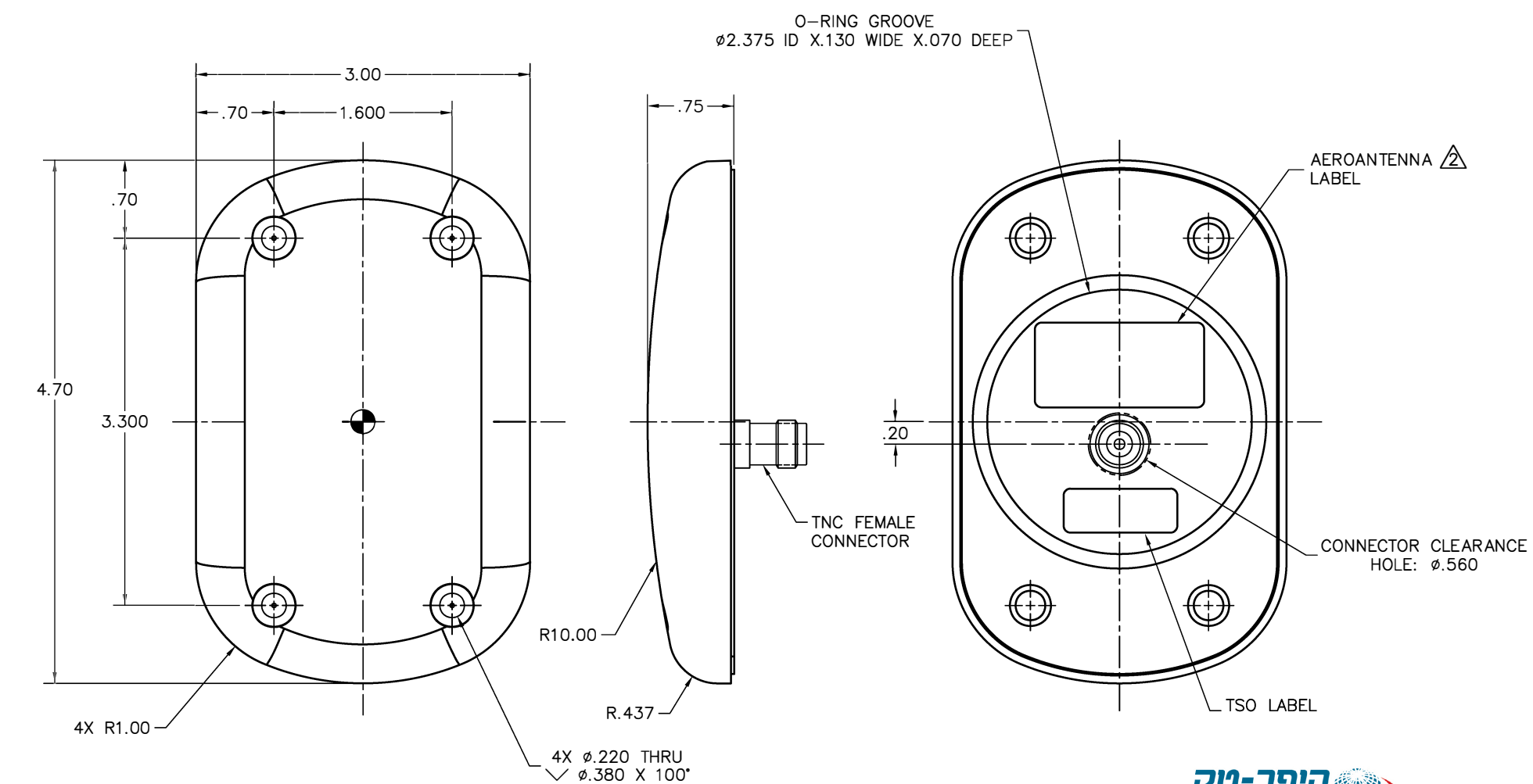
CABLE LENGTH  
 \* 000 = IN INCHES

MAGNET  
 NM = NO MAGNET

GAIN (± 2 dB)  
 00 = PASSIVE  
 12 = 12 dB (28 mA)  
 26 = 26 dB (60 mA)  
 38 = 38 dB (75 mA)  
 40 = 40 dB (75 mA)  
 XX = OTHER

VOLTAGE  
 00 = PASSIVE  
 05 = +5 VDC  
 RG = +5 TO +18 VDC  
 XX = OTHER

\* = OPTION NOT AVAILABLE WITH THIS MODEL  
 STANDARD MODEL= AT2775-41W-TNCF-000-RG-26-NM



03-9243358 :פקס ▪ 03-9243352 :טל ▪ פ"ת 7042, ת.ד. 14, אודם 'ח  
 www.hypertek.co.il ▪ sales@hypertek.co.il

DO NOT SCALE THIS DRAWING REMOVE BURRS AND BREAK SHARP EDGES: PART TO BE CLEAN AND OIL FREE ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994 TOLERANCES: XX = ±.01 FRACT = ±1/32 XXX = ±.005 ANG. = ±1/2°	DRAWN A. DEVERA 01/06/99
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	CHECKED T. JEENSALUTE 06/01/99
HOLE DIA. TOLERANCE .0135 - .125 +.001 -.001 .126 - .250 +.005 -.001 .251 - .500 +.006 -.001 .501 - .750 +.008 -.001	ENGR S. VALDES 05/25/99
	MFG D. LEVY 05/21/03
	Q.A. B. RUBENI 06/01/99
	APPROVED G. SHAR 05/25/99
NEXT ASSY	DRAWN IN CAD

**AeroAntenna Technology Inc**  
 AS9100 CERTIFIED CO.

TITLE  
 L1/L2 GPS ANTENNA

SIZE B	CAGE CODE OUVG2	DRAWING NO. AT2775-41	REV K
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