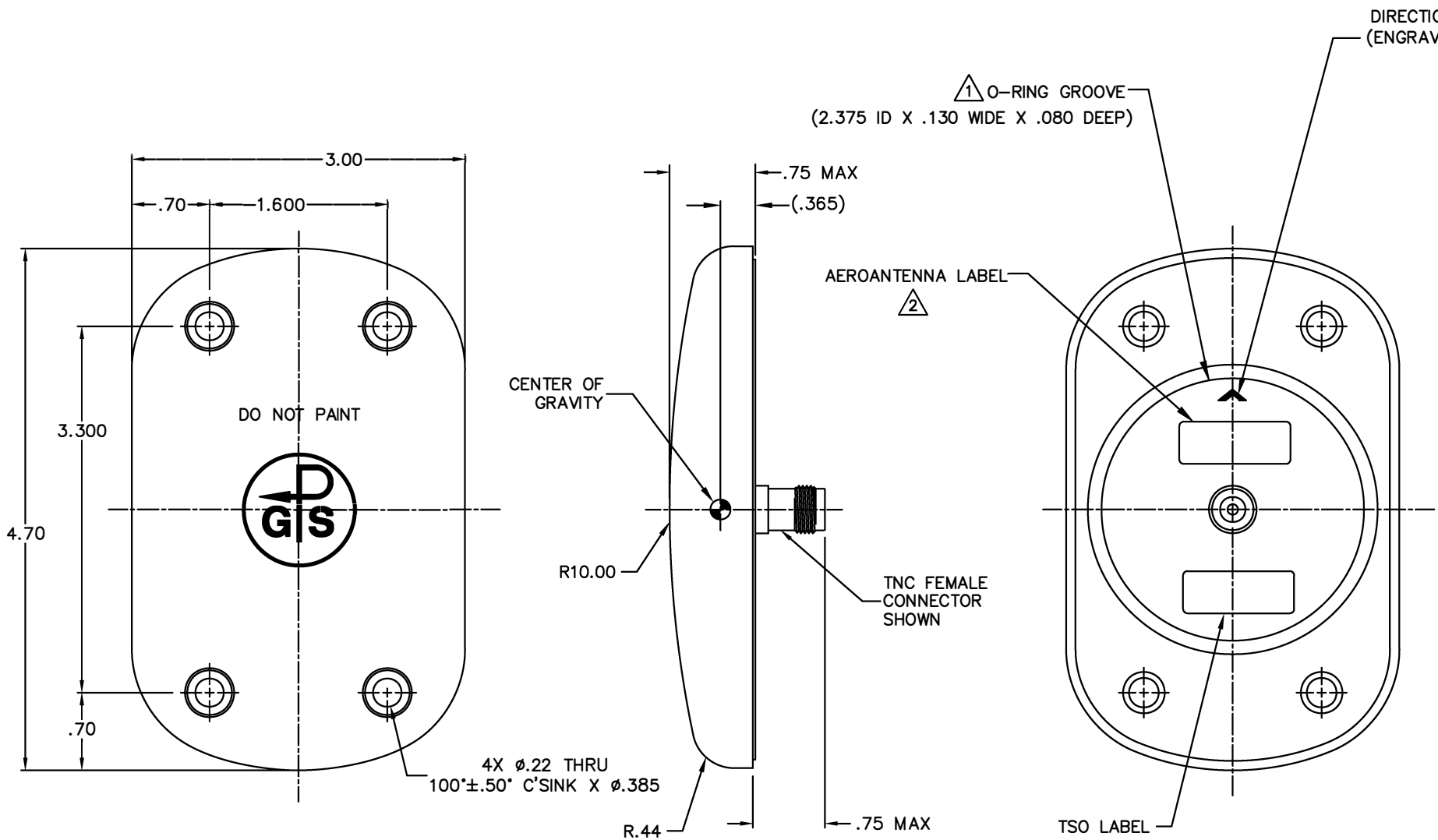


REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
D	UPDATE PER ECO 9600	01/24/11	
CHANGE O-RING GROOVE DEPTH FROM .070 TO .080			

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: 1575.42 ±10.23 MHz
 POLARIZATION: RIGHT HAND CIRCULAR
 AXIAL RATIO: 3 dB MAX. AT BORE SIGHT
 RELATIVE RADIATION: PER DO-301

AMPLIFIER:

GAIN: 29.5 ±3 dB
 NOISE FIGURE: 3.2 dB MAX. @25°C
 IMPEDANCE: 50 OHMS
 VSWR: ≤1.5:1
 POWER HANDLING: 1 WATT
 FINISH: POLYURETHANE
 WEIGHT: 8 OZ MAX.
 ALTITUDE: 55,000'
 OPERATING TEMP: -70°C TO +70°C
 DESIGNED TO: DO-160E
 METALLIC AIRCRAFT: ENV CAT: F2-AB[BD][S(CLMY)U(FF1)]X[SY]FSXSZXXX[ZCZW]YH[A4J44][2A]CAC
 ARINC 743, RTCA/DO-301
 MIL-STD-810C
 C190



PART NO. DESIGNATION:
 AT575-234XXX-XXXX-XXX-XX-XX-XX

CUSTOMER ID (IF APPLICABLE) _____
 COLOR _____
 W = WHITE
 S = SMOKE GRAY
 B = BLACK

CONNECTOR _____
 TNCF = TNC FEMALE
 SMAF = SMA FEMALE

MAGNET _____
 NM = NO MAGNET

GAIN (±3 dB)
 29.5 = 29.5 dB (50 mA max)

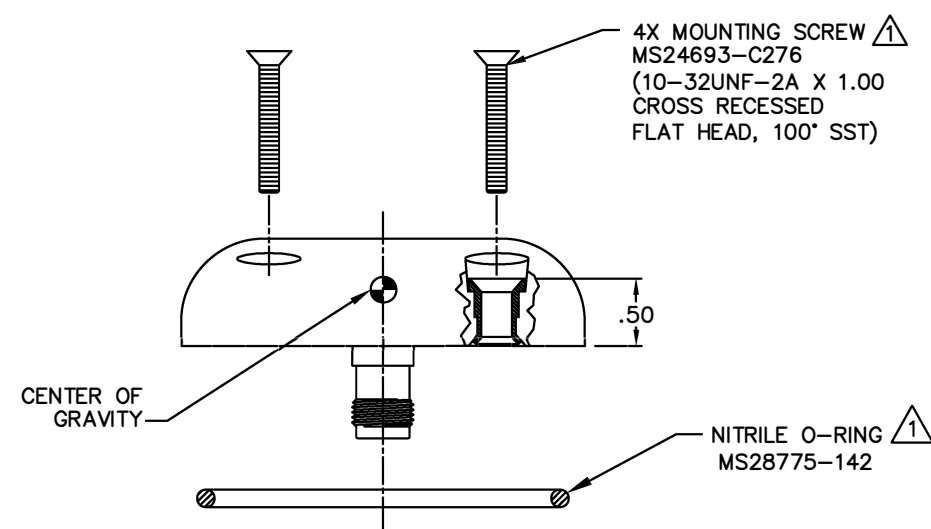
VOLTAGE _____
 RG = 4.5 - 15 VDC

CABLE LENGTH _____
 000 = IN INCHES

היפר-טק מערכות

03-9243358 :פקס ▪ 03-9243352 :טל ▪ 7042 פ"ת ▪ 14 אודם , ת.ד.

www.hypertech.co.il ▪ sales@hypertech.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 K. RERKSAWAT 10/21/08
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	CHECKED
HOLE DIA. TOLERANCE	ENGR K. RERKSAWAT 10/21/08
.0135 - .125 +.001 -.001	MFG D. LEVY 10/21/08
.126 - .250 +.005 -.001	Q.A. B. RUBENI 10/21/08
.251 - .500 +.006 -.001	APPROVED YOUSI Z. 10/21/08
.501 - .750 +.008 -.001	DRAWN IN CAD

AeroAntenna Technology Inc
 AS9100 CERTIFIED CO.

TITLE
GPS ANTENNA

SIZE B	CAGE CODE OUVG2	DRAWING NO. AT575-234	REV D
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SCALE NONE | I:\CAD\AT575\234\AT575-234_D SHEET 1 OF 1

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AT575-234

NEXT ASSY