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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
G	SEE ECO 8338	07/28/08	

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 ± .03  
.XXX ± .010

SPECIFICATION:

FREQUENCY: 1525-1585 MHz (L+L1)  
1217-1237 MHz (L2)

POLARIZATION: RIGHT HAND CIRCULAR

AXIAL RATIO: 3 dB MAX

RADIATION COVERAGE: 6.0 dBic 0° = 0°  
-2.0 dBic 0° < θ < 75°  
-3.0 dBic 75° ≤ θ < 80°  
-4.0 dBic 80° ≤ θ < 85°

AMPLIFIER:

NOISE FIGURE: 2.6 dB MAX

IMPEDANCE: 50 OHMS

VSWR: ≤ 2.0:1

BAND REJECTION: 20 dB @ 250 MHz

POWER HANDLING: 1 WATT

FINISH: FLUID RESISTANT

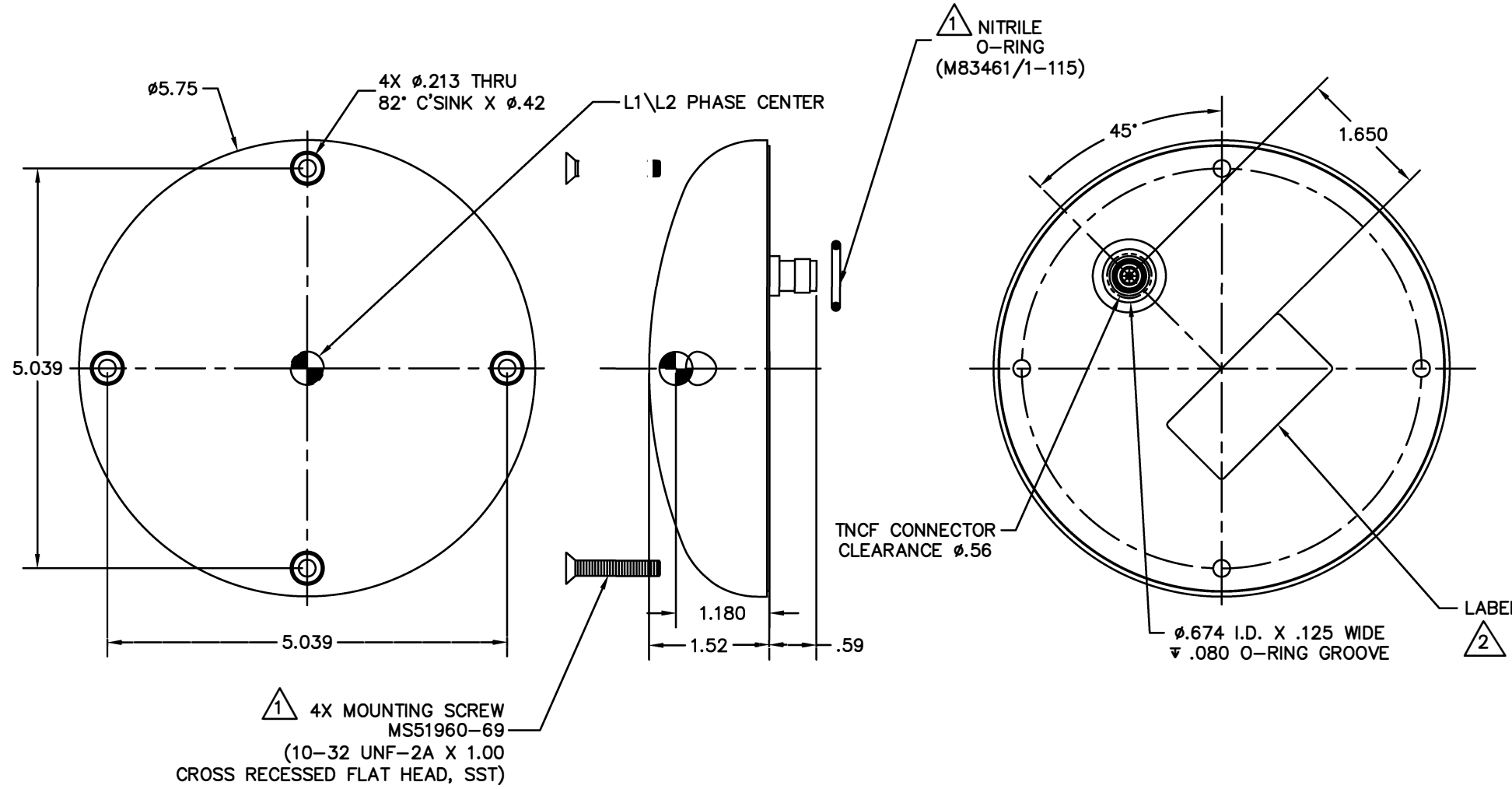
WEIGHT: 1.0 LBS. MAX

ALTITUDE: 70,000'

OPERATING TEMP: -55°C TO +85°C

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

TSO:



PART NO. DESIGNATION:  
AT2775-81XXX-XXXX-XXX-XX-XX-XX

CUSTOMER ID (IF APPLICABLE) \_\_\_\_\_

COLOR \_\_\_\_\_  
W = WHITE

CONNECTOR \_\_\_\_\_  
TNC F = TNC FEMALE

CABLE LENGTH \_\_\_\_\_  
\* 000 = IN INCHES

MAGNET  
NM = NO MAGNET

GAIN (± 2 dB)  
00 = PASSIVE  
26 = 26 dB (40 mA)  
39 = 39 dB (60 mA)  
41 = 41 dB (60 mA)

VOLTAGE  
RG = 4.2 TO 15.0 VDC

\* = OPTION NOT AVAILABLE WITH THIS MODEL  
STANDARD MODEL= AT2775-81W-TNCF-000-RG-39-NM



03-9243358 :פנק ▪ 03-9243352 :לו ▪ ת.ד. 7042 פ"ת ▪ או"מ 14, ת"א  
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DO NOT SCALE THIS DRAWING	DRAWN K. SCHNORR	8/10/01
ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994	CHECKED K. SCHNORR	08/13/01
TOLERANCING: .XX ± .01 XXX ± .005 FRACT = ± 1/32 ANG. = ± 1/2°	ENGR T. JEENSALUTE	08/13/01
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	MFG D. LEVY	08/25/01
REMOVE BURRS AND BREAK SHARP EDGES: PART TO BE CLEAN AND OIL FREE	Q.A. B. RUBENI	08/13/01
AT2775-81	APPROVED G. SHAR	08/13/01
NEXT ASSY	UNLESS OTHERWISE SPECIFIED	DRAWN IN CAD



TITLE GPS ANTENNA, L1/L2 AND L-BAND			
SIZE B	CAGE CODE OUVG2	DRAWING NO. AT2775-81	REV G
SCALE NONE   I: \CAD\AT2775\81\AT277581_G   SHEET 1 OF			