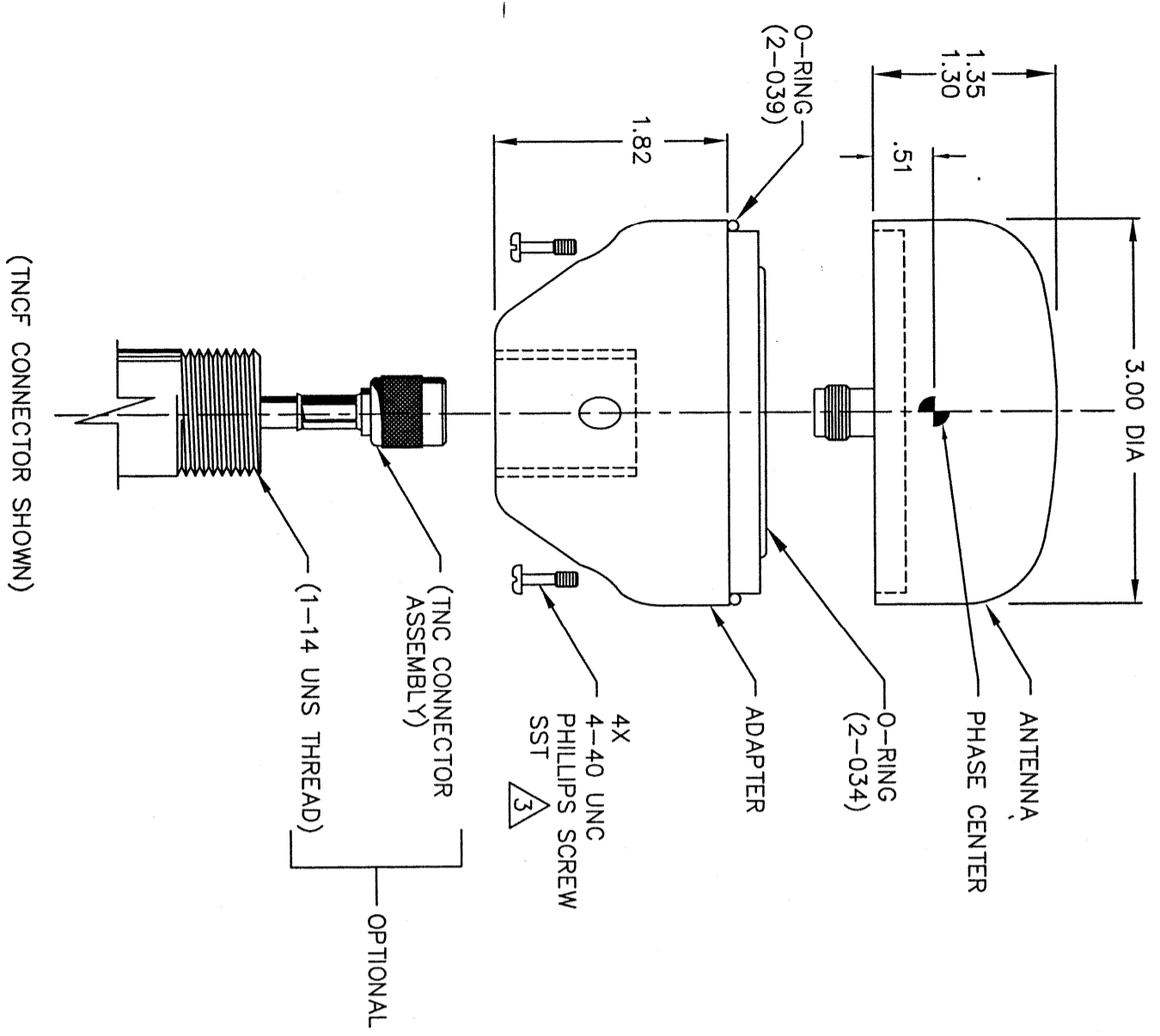


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NOTES: UNLESS OTHERWISE SPECIFIED.

1. LOGO OPTIONAL.
2. SIZE, SHAPE, AND CONTENTS OF NAMEPLATE ARE SUBJECT TO CHANGE WITHOUT NOTICE.
3. ASSEMBLE ANTENNA TO ADAPTER USING 4 SCREWS ON CROSS MOTION, SUGGESTED TORQUE: 5.0-6.0 IN LB, DO NOT OVER TORQUE.
4. TOLERANCES: .XX = ±.03  
.XXX = ±.010

REFERENCE INSTALLATION DRAWING: AT5756855 (ANTENNA INSTALLATION)  
AT5756850 (ADAPTER INSTALLATION)



SPECIFICATION:

FREQUENCY: 1575 ±2 MHz  
POLARIZATION: RIGHT HAND CIRCULAR  
AXIAL RATIO: 3 DB MAX  
RADIATION COVERAGE: 4.0 dBic 0 = 0°  
-1.0 dBic 0 < θ = 75°  
-3.0 dBic θ = 90°  
VSWR: ≤1.5:1  
IMPEDANCE: 50 OHMS  
POWER HANDLING: 1 WATT  
FINISH: WEATHERABLE POLYMER  
WEIGHT: 8 OZ  
ALTITUDE: 20,000'  
OPERATING TEMP: -40°C TO +70°C  
DESIGNED TO: DO-160C

PART NO. DESIGNATION:

AT575-68X-XXXX-XXX-XX-XX-XX

COLOR: W = WHITE, S = SMOKE GRAY, O = OLIVE DRAB  
CONNECTOR: TNC FEMALE, SMA FEMALE  
CABLE LENGTH: \*000 = IN INCHES  
MAGNET: NM = NO MAGNET  
GAIN (± 2 DB): 00 = PASSIVE (20 mA), 12 = 12 DB (35 mA), 26 = 26 DB (35 mA), 36 = 36 DB (50 mA), XX = OTHER  
VOLTAGE: 00 = PASSIVE, 05 = 5 VDC, RG = 5-18 VDC, XX = OTHER

Production  
AUG 06 2002

Released

\* = OPTION NOT AVAILABLE WITH THIS MODEL  
STANDARD MODEL = AT575-68W-TNCF-000-RG-26-NM

REVISIONS		DATE	APPROVED
J	SEE ECO 5215	07/15/02	

AT575-68

DO NOT SCALE THIS DRAWING ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ANSI Y14.5M-1982		DRAWN J. AMADO	10/25/93	<p>AeroAntenna Technology Inc GPS ANTENNA</p>
TOLERANCES: .XX = ±.03 FRACT = ±1/32 ANG. = ±1/2		CHECKED G. SHAR	11/28/95	
✓ SURFACE ROUGHNESS PER ANSI B46.1 REMOVE BURRS AND BREAK SHARP EDGES: PART TO BE CLEAN AND OIL FREE		ENGR T. JEENSALUTE	01/24/97	
UNLESS OTHERWISE SPECIFIED		QA B. RUBENI	02/07/97	
USED ON		APPROVED J. KLEIN	11/28/95	SIZE B
		DRAWN IN ACAD		CAGE CODE OUVG2
				DRAWING NO. AT575-68
				SCALE NONE
				AT575-68J
				SHEET 1 OF 1

ORIGINAL