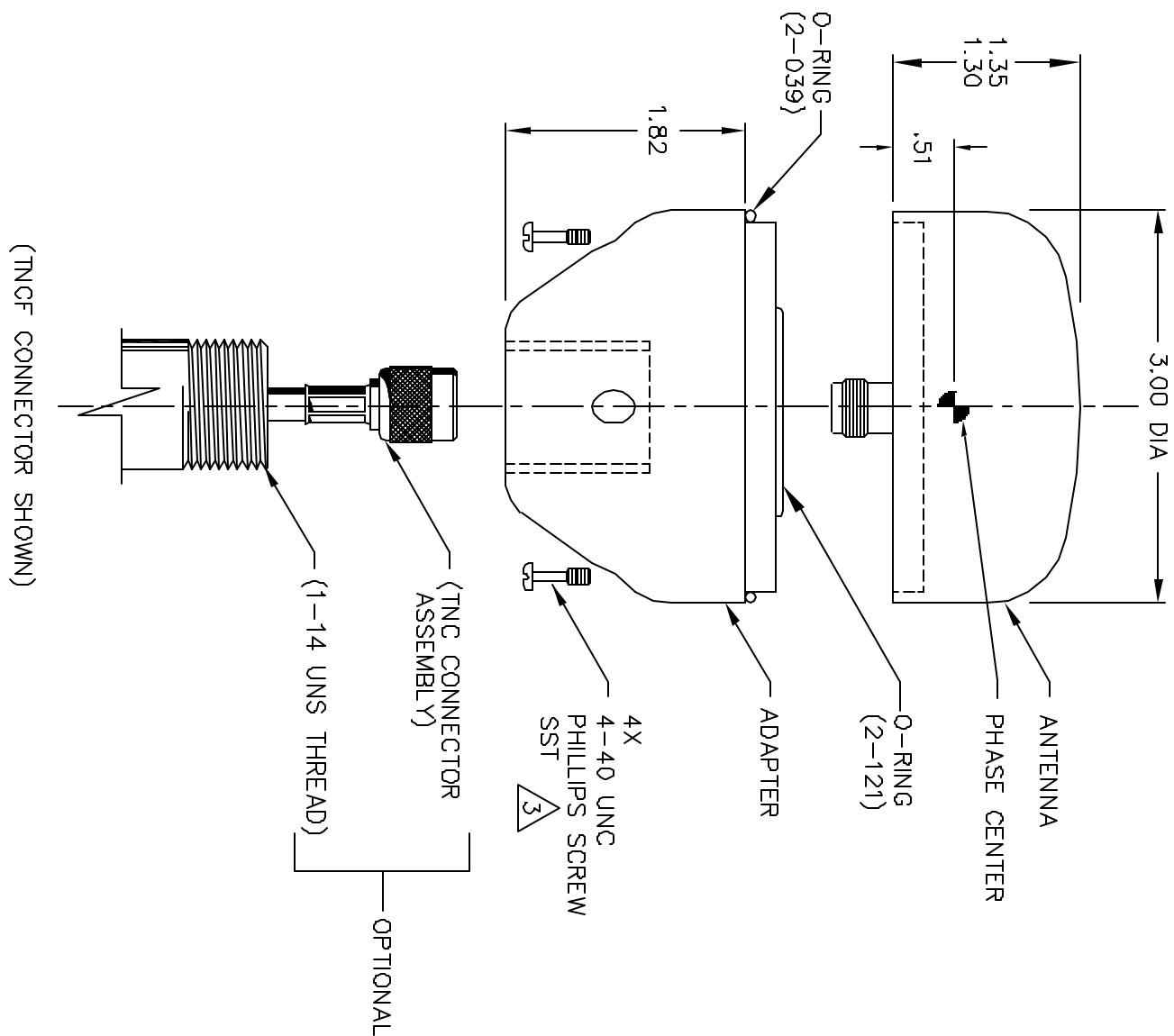


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NOTES: UNLESS OTHERWISE SPECIFIED.

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
TNCF = TNC FEMALE
SMAF = SMA FEMALE

CABLE LENGTH
* 000 = IN INCHES

MAGNET
NM = NO MAGNET
GAIN (± 2 dB)
00 = PASSIVE
12 = 12 dB (20 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

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

REVISIONS			
S/N	DESCRIPTION	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 TOLERANCES: .XX = ±.04 XXX = ±.005 FRACT = ±1/32 ANG. = ±1/2° ✓ SURFACE ROUGHNESS MACHINED PARTS VES MOLDED PARTS V2E REMOVE BURS AND BREAK SHARP EDGES. PART TO BE CLEAN AND OIL FREE UNLESS OTHERWISE SPECIFIED		DRAWN: I. AMADO 10/25/93 CHECKED: G. SHAR 11/29/95 ENGR: T. JEENSALUTE 01/24/97 MFG: Q.A. RUBENI 02/07/97 APPROVED: J. KLEIN 11/29/95 DRAWN IN ACAD	TITLE: GPS ANTENNA SIZE: B GAGE CODE: QUVG2 DRAWING NO.: AT575-68 SCALE: NONE 1: CAD \AT575\ -68 \AT575-68J SHEET 1 OF 1
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GPS ANTENNA

(TNC CONNECTOR SHOWN)