

NOTES: UNLESS OTHERWISE SPECIFIED.

1. MOUNTING SCREWS AND O-RING SUPPLIED BY AEROANTENNA.
2. LABEL SIZE, SHAPE, CONTENTS AND LOCATION ARE SUBJECT TO CHANGE WITHOUT NOTICE.
3. TOLERANCE: .XX = ±.03
.XXX = ±.010

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
D	UPDATED PER ECO 9280	06/22/10	
CHANGE RADOME'S RADIUS FROM R.38 TO R.44			

SPECIFICATION:

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

AMPLIFIER:
 GAIN: SPECIFY
 NOISE FIGURE: 2.5 dB MAX. @ 25°C
 IMPEDANCE: 50 OHMS
 VSWR: ≤1.5:1
 POWER HANDLING: 1 WATT

FINISH: WEATHERABLE POLYMER
 CONNECTOR: TNCF
 WEIGHT: 8.0 OZ MAX.
 ALTITUDE: 55,000'
 OPERATING TEMP: -55°C TO +70°C
 STORAGE TEMP: -55°C TO +85°C
 DESIGNED TO: DO-160E,
 ENV CAT: F2-AB[BD][S(CLMY)U(FF1)]X[SY]FSXSZXXX[ZCZW]YH[A4J44][2A]CAC
 ARINC 743, RTCA/DO-301
 TSO: C190

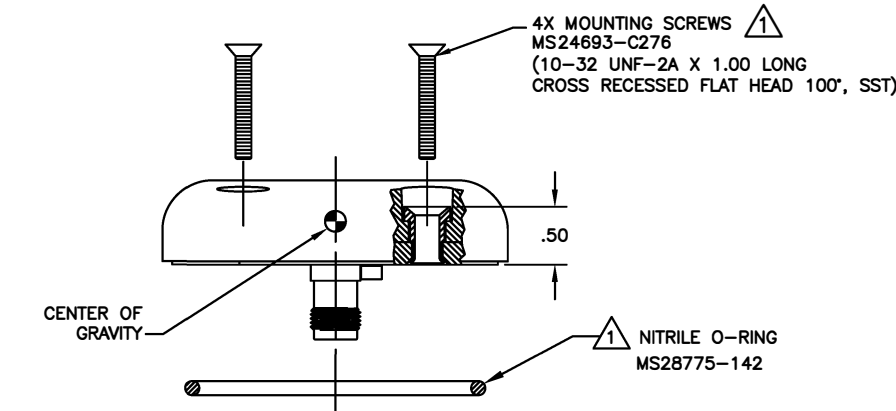
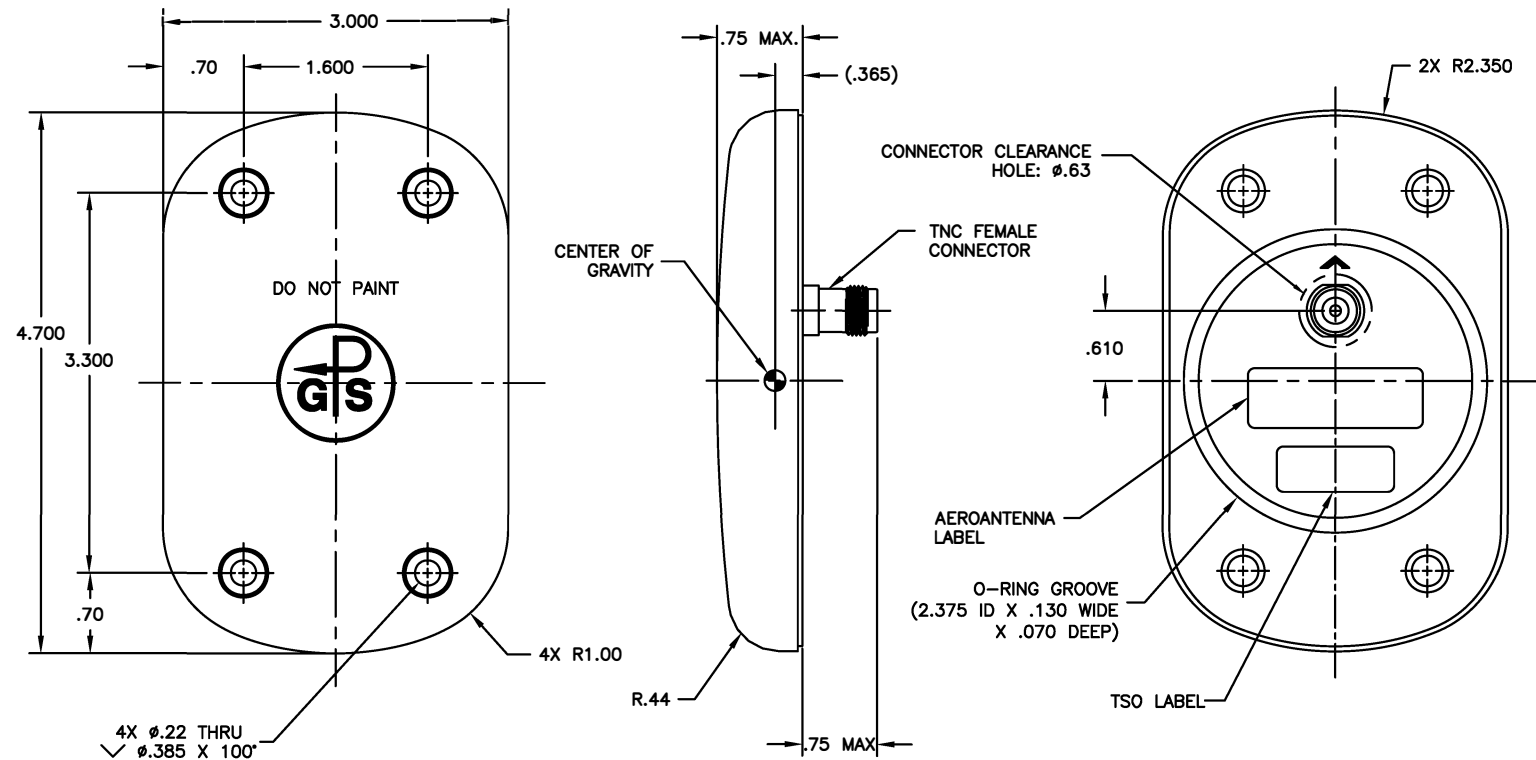
PART NO. DESIGNATION:

AT575-326XXX-XXXX-XXX-XX-XX-XX

CUSTOMER ID (IF APPLICABLE)
 COLOR: W = WHITE, B = BLACK, S = SMOKE GRAY
 CONNECTOR: TNCF = TNC FEMALE
 CABLE LENGTH * 000 = IN INCHES
 MAGNET: NM = NO MAGNET
 GAIN (±3 dB): 30 = 30 dB (60 mA Max.), MIN. GAIN 29.5 dB
 VOLTAGE: RG = 4.5-15 VDC

* = OPTION NOT AVAILABLE WITH THIS MODEL

STANDARD MODEL = AT575-326W-TNCF-000-RG-30-NM



HOLE DIA.	TOLERANCE
.0135 - .125	+0.004 -0.001
.126 - .250	+0.005 -0.001
.251 - .500	+0.006 -0.001
.501 - .750	+0.008 -0.001

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 J. GUTIERREZ 08/23/07	<p>AeroAntenna Technology Inc AS9100 CERTIFIED CO.</p>
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	CHECKED B. DANZER 08/23/07	TITLE GPS ANTENNA	
	ENGR T. JEENSALUTE 08/27/07	SIZE B	
	MFG D. LEVY 08/27/07	CAGE CODE OUVG2	
	Q.A. B. RUBENI 08/27/07	DRAWING NO. AT575-326	
	APPROVED G. SHAR 08/27/07	REV D	
NEXT ASSY	DRAWN IN CAD	SCALE NONE	SHEET 1 OF 1

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