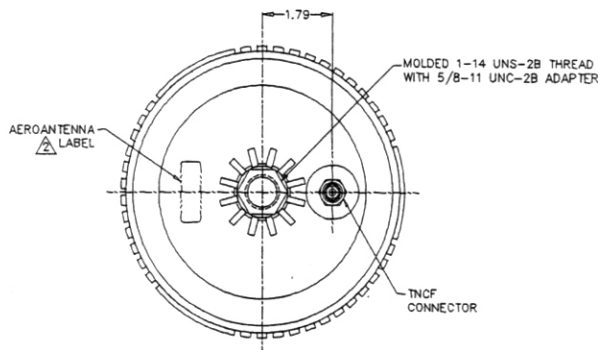
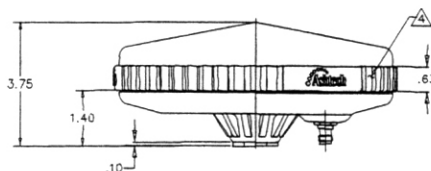
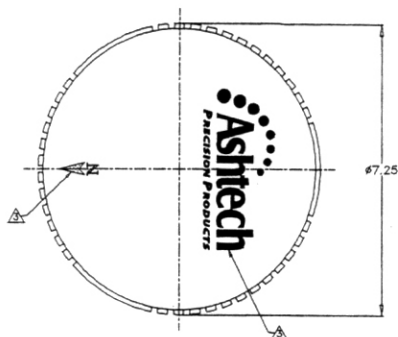


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NOTES:

1. LOGO OPTIONAL.
A LABEL SIZE, SHAPE, AND CONTENTS SUBJECT TO CHANGE WITHOUT NOTICE.
 2. LOGO LOCATION.
A
 3. COLOR OPTIONAL: BLUE
BLACK
5. TOLERANCES: .XX ± .03
.XXX ± .010



Dimensions in inches

SPECIFICATION:

FREQUENCY: 1575 ± 10 MHz

POLARIZATION: RHCP

AXIAL RATIO: 3 dB MAX

RADIATION COVERAGE:

TBD	dBic	0°	≤	0°
TBD	dBic	75°	≤	75°
TBD	dBic	80°	≤	80°
TBD	dBic	80°	≤	85°
TBD	dBic	90°	≤	90°

AMPLIFIER: 12 dB

GAIN: 2.5 dB MAX

NOISE FIGURE: 50 OHMS

IMPEDANCE: 50 OHMS

VSWR: ≤ 2.0:1

BAND REJECTION: 40dB @ 1625 MHz

POWER HANDLING: 1 WATT

FINISH: WEATHERABLE POLYMER

CONNECTOR: TNCF

WEIGHT: 1.05 LBS

OPERATING TEMP: -55°C TO +85°C

DESIGNED TO: D0-160

PART NO. DESIGNATION:

AT575-189X-XXXX-XXX-XX-XX

COLOR

- W = WHITE
- S = SMOKE GRAY
- O = OLIVE DRAB
- B = BLUE

CONNECTOR

- TNCM = TNC MALE
- TNCF = TNC FEMALE
- BNCM = BNC MALE
- BNCF = BNC FEMALE
- MCXM = MCX MALE
- MCXF = MCX FEMALE
- SMAM = SMA MALE
- SMAF = SMA FEMALE
- NTPM = N TYPE MALE
- NTPF = N TYPE FEMALE
- 0000 = NO TERMINATION

CABLE LENGTH

- 000 = IN INCHES

MAGNET

- NM = NO MAGNET
- IM = INTERNAL
- RM = REMOVABLE
- HD = HEAVY DUTY

GAIN (± 2 dB)

- 00 = PASSIVE
- 14 = 14 dB (12 mA)
- 26 = 26 dB
- 38 = 38 dB
- XX = OTHER

VOLTAGE

- 00 = PASSIVE
- 03 = +3 VDC
- 05 = +5 VDC
- RG = +2.6 TO +5.6 VDC
- XX = OTHER

* = OPTION NOT AVAILABLE WITH THIS MODEL

STANDARD MODEL = AT575-189W-TNCF-000-RG-14-NM

CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL/SPECIFICATION	ITEM NO.
LIST OF MATERIALS				
DRAWN BY: S. VALDES 11/27/00				
CHECK				
PROJ ENGR				
QA				
APPROVAL				
UNLESS OTHERWISE SPECIFIED				
DO NOT SCALE DRAWING TOLERANCES				
DIMENSIONS ARE IN INCHES XX ± .01				
XXX ± .005				
ANGLES ± 1/2°				
NEXT ASSY				
USED ON				
APPLICATION				
SCALE NONE				
CAGE CODE				
DRAWING NO.				
REV				
B OUVG2 AT575-189 3				
SCALE NONE AT575-189R3 SHEET 1 OF 1				

AeroAntenna Technology Inc

TITLE

L1 GPS ANTENNA