

AT1675-450

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE PER ECO 9973	11/15/11	

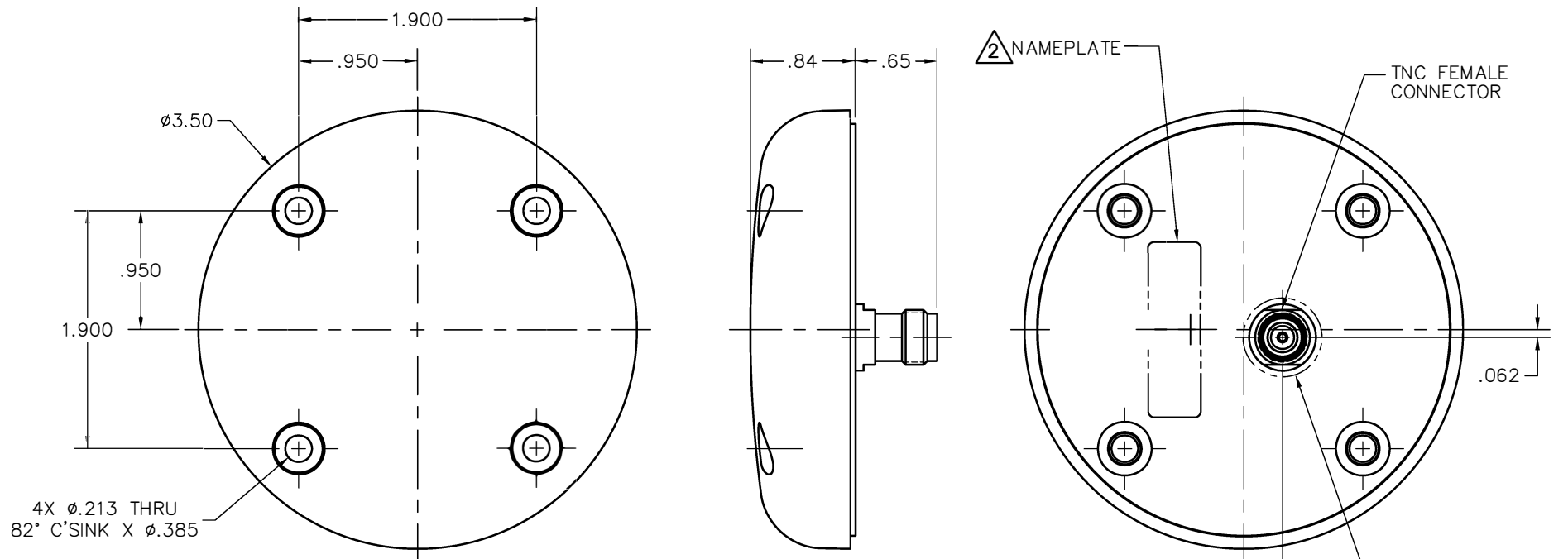
- NOTES: UNLESS OTHERWISE SPECIFIED.
- 1 MOUNTING SCREWS SUPPLIED BY AEROANTENNA.
 - 2 LABEL SIZE, SHAPE, CONTENTS AND LOCATION ARE SUBJECT TO CHANGE WITHOUT NOTICE.
 - 3. TOLERANCES: .XX = ±.03
.XXX = ±.010

SPECIFICATION:

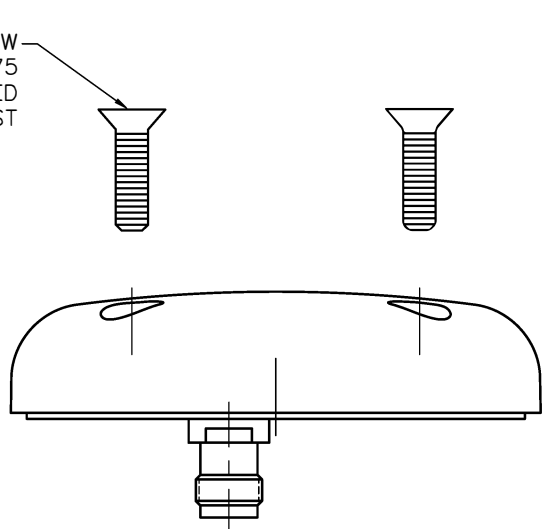
FREQUENCY:
GPS (L1), GLONASS (G1) 1565-1607 MHz
GPS (L2), GLONASS (G2) 1217-1260 MHz

POLARIZATION: RIGHT HAND CIRCULAR
AXIAL RATIO: 3 dB MAX AT BORESIGHT

AMPLIFIER:
NOISE FIGURE: 2.5 dB MAX
IMPEDANCE: 50 OHMS
VSWR: ≤2.0:1
BAND REJECTION: 20 dB @ 250 MHz
POWER HANDLING: 1 WATT
FINISH: UV RESISTANT, HIGH IMPACT THERMOPLASTIC
WEIGHT: 213 g
ALTITUDE: 55,000'
OPERATING TEMP: -55°C TO +85°C



1 4X MOUNTING SCREW
10-32 UNF-2A X .75
CROSS RECESSED
FLAT HEAD, SST



PART NO. DESIGNATION:

AT1675-450XXX-XXXX-XXX-XX-XX-XX-R

CUSTOMER ID (IF APPLICABLE) _____
COLOR _____ W = WHITE
CONNECTOR _____
TNCF = TNC FEMALE
SMAF = SMA FEMALE
CABLE LENGTH _____
* 000 = IN INCHES

RoHS
MAGNET
NM = NO MAGNET
GAIN (± 2 dB)
43 = 43 dB (TBD mA)
VOLTAGE
RG = 4.5 TO 18.0 VDC

* = OPTION NOT AVAILABLE WITH THIS MODEL
STANDARD MODEL= AT1675-450W-TNCF-000-RG-43-NM-R



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DO NOT SCALE THIS DRAWING	DRAWN	V. GRINEVICH	03/10/11
REMOVE BURRS AND BREAK SHARP EDGES:	CHECKED	A. KALENTS	03/10/11
PART TO BE CLEAN AND OIL FREE	ENGR	S. VALDES	03/10/11
ALL DIMENSIONS ARE IN INCHES	MFG	DANNY LEVY	12/08/11
DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994	Q.A.	B. RUBENI	12/08/11
TOLERANCES:	APPROVED	YOUSSI ZADEH	12/12/11
XX ±.01 FRACT = ±1/32			
XXX ±.005 ANG. = ±1/2°			
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	DRAWN IN	CAD	
HOLE DIA.	TOLERANCE		
.0135 - .125	+ .004 - .001		
.126 - .250	+ .005 - .001		
.251 - .500	+ .006 - .001		
.501 - .750	+ .008 - .001		

AeroAntenna Technology Inc
AS9100 CERTIFIED CO.

TITLE: GPS/GLONASS ANTENNA

SIZE	CAGE CODE	DRAWING NO.	REV
B	OUVG2	AT1675-450	A

SCALE: NONE I: \CAD\AT1675\450\AT1675-450_A SHEET 1 OF 1

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