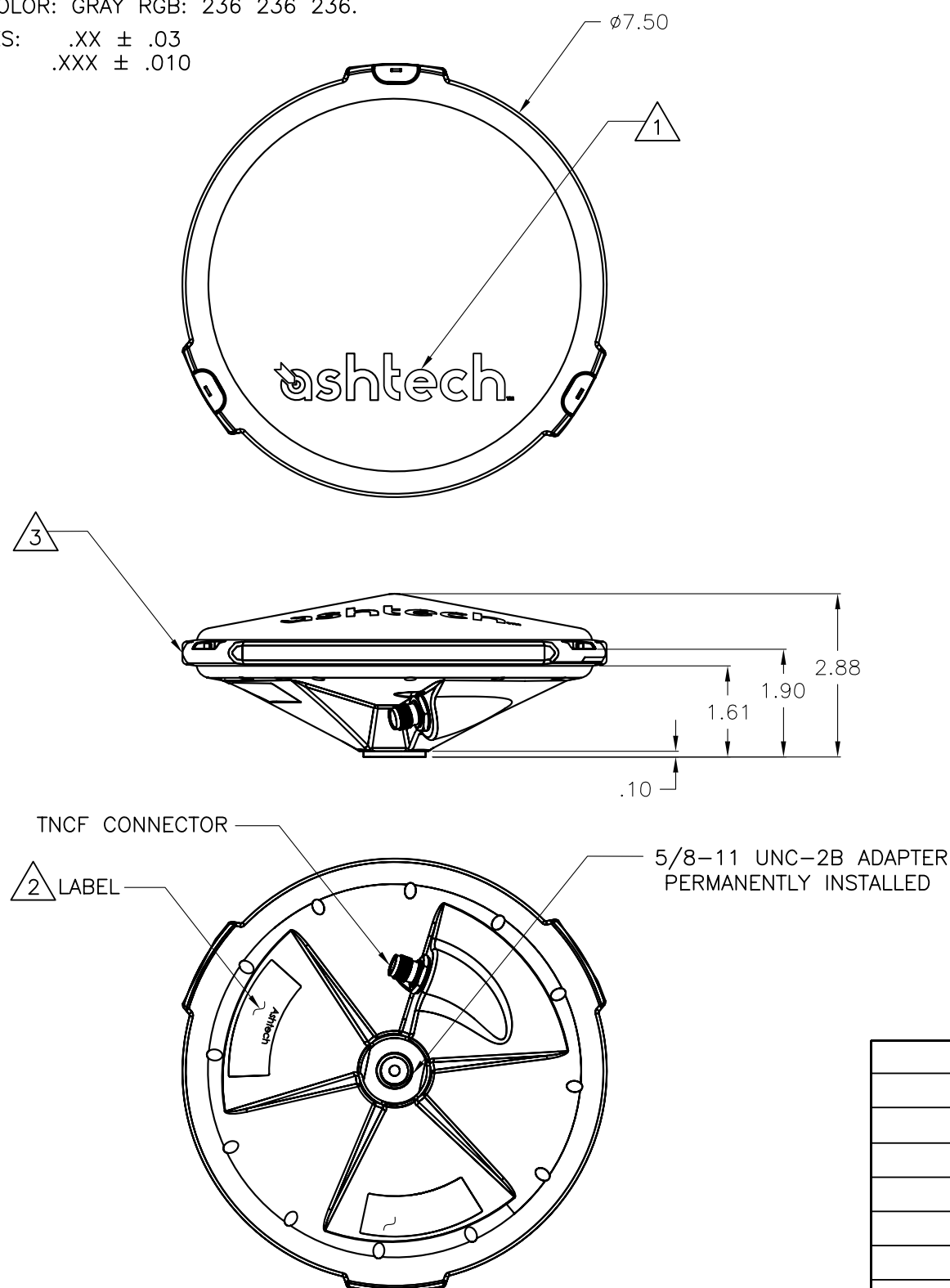


NOTES: UNLESS OTHERWISE SPECIFIED.

- 1 LOGO ORIENTATION.
- 2 LABEL LOCATION
- 3 BUMPER COLOR: GRAY RGB: 236 236 236.
4. TOLERANCES: .XX ± .03
 .XXX ± .010



SPECIFICATION:

FREQUENCY:	1565—1615 MHz	L1, GLONASS (G1)
POLARIZATION:	RIGHT HAND CIRCULAR	
AXIAL RATIO:	3 dB MAX @ BORESIGHT	
RADIATION COVERAGE:	6.0 dBic	$0^\circ = 0^\circ$
	-5.0 dBic	$0^\circ < \theta < 75^\circ$
	-6.0 dBic	$75^\circ \leq \theta < 80^\circ$
	-7.0 dBic	$80^\circ \leq \theta < 85^\circ$
	-8.0 dBic	$\theta = 90^\circ$
AMPLIFIER:		
GAIN:	SPECIFY	
NOISE FIGURE:	2.5 dB MAX	
IMPEDANCE:	50 OHMS	
VSWR:	$\leq 2.0:1$	
BAND REJECTION:	20 dB @ 250 MHz	
POWER HANDLING:	1 WATT	
FINISH:	WEATHERABLE POLYMER	
WEIGHT:	1.0 LBS	
ALTITUDE:	20,000'	
OPERATING TEMP:	-40°C TO $+70^\circ\text{C}$	



PART NO. DESIGNATION:

AT1675-339AS-XXXX-XXX-XX-XX-XX-X

CUSTOMER
A = ASHTECH

COLOR
S = SMOKE GRAY
RAL 7035

CONNECTOR
TNC F = TNC FEMALE

CABLE LENGTH
* 000 = IN INCHES

RoHS

MAGNET
NM = NO MAGNET

GAIN (± 2 dB)
38 = 38 dB (65 mA)

VOLTAGE
RG = 4.2 TO 15.0 VDC

* = OPTION NOT AVAILABLE WITH THIS MODEL
STANDARD MODEL= AT1675-339AS-TNCF-000-RG-38-NM-R

	DO NOT SCALE THIS DRAWING	DRAWN	 AeroAntenna Technology Inc. AS9100 CERTIFIED CO.								
	REMOVE BURRS AND BREAK SHARP EDGES:	A. GUTIERREZ	05/28/10	TITLE L1 GPS + GLONASS ANTENNA							
	PART TO BE CLEAN AND OIL FREE	CHECKED									
	ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994	ENGR									
	TOLERANCES:	EDUARD N.	06/07/10								
	XX = ±.01 FRACT = ±1/32	MFG		SIZE B					CAGE CODE OUVG2	DRAWING NO. AT1675-339A	REV A
	XXX = ±.005 ANG. = ±1/2°	DANNY LEVY	06/10/10								
	✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	Q.A.									
	HOLE DIA.	B. RUBENI	06/10/10								
	TOLERANCE	APPROVED		SCALE NONE					I:\CAD\AT1675\ -339A\AT1675-339A_A	SHEET 1 OF	
	.0135 - .125 +.004 - .001	YOUSI Z.	06/16/10								
	.126 - .250 +.005 - .001										
	.251 - .500 +.006 - .001										
NEXT ASSY	.501 - .750 +.008 - .001	DRAWN IN	CAD								

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