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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASED	01/15/10	

NOTES: UNLESS OTHERWISE SPECIFIED.

- 1. BUMPER COLOR: BLUE PER RAL 5003
- 2. TOLERANCES: .XX ± .03
.XXX ± .010

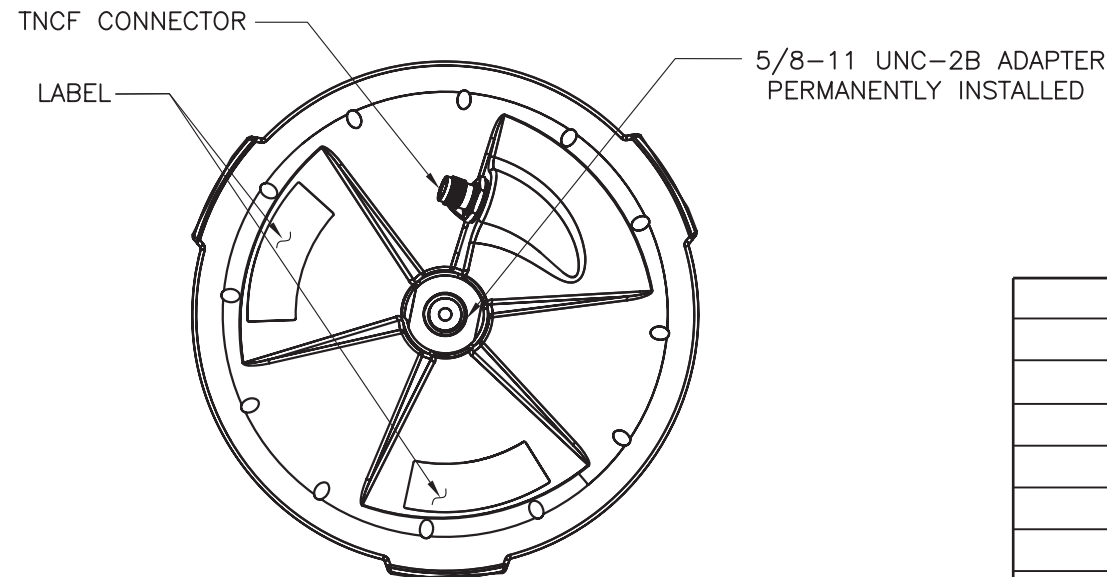
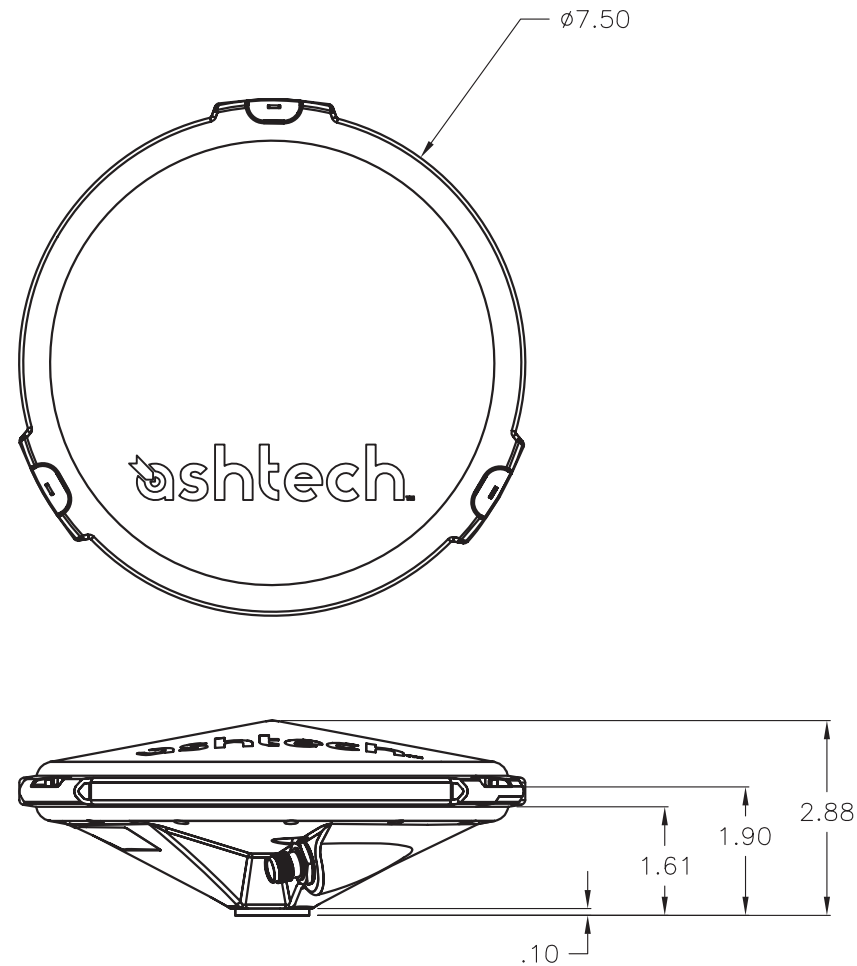
SPECIFICATION:

FREQUENCY: L1+GLONASS G1, L2+GLONASS G2+GALILEO L5
1590 ±25 MHz
1176 ±20 MHz
1238 ±21.5 MHz

POLARIZATION: RIGHT HAND CIRCULAR
AXIAL RATIO: 3 dB MAX @ BORESIGHT
RADIATION COVERAGE: TBD

AMPLIFIER:
GAIN: 38 dB
NOISE FIGURE: 2.5 dB MAX
IMPEDANCE: 50 OHMS
VSWR: ≤2.0:1
BAND REJECTION: 20 dB @ 250 MHz
POWER HANDLING: 1 WATT

FINISH: WEATHERABLE POLYMER
WEIGHT: 18 OZ MAX
ALTITUDE: 20,000'
OPERATING TEMP: -40°C TO +70°C



DO NOT SCALE THIS DRAWING	DRAWN				
REMOVE BURRS AND BREAK SHARP EDGES:	P. BRIAUD				01/15/10
PART TO BE CLEAN AND OIL FREE	CHECKED				
ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994	ENGR				
TOLERANCES:	MFG		TITLE	L1+GLONASS G1, L2+GLONASS G2+GALILEO L5 ANTENNA	
.XX = ±.01 FRACT = ±1/32	Q.A.		SIZE	B	
.XXX = ±.005 ANG. = ±1/2°	APPROVED		CAGE CODE	OUVG2	
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	DRAWN IN	CAD	DRAWING NO.	ASH 111661 (AKA AT1675-539)	
HOLE DIA. TOLERANCE			REV	1	
.0135 - .125 +.004 - .001			SCALE	NONE	
.126 - .250 +.005 - .001			I:\CAD\AT1675\539\AT1675-539A_1		
.251 - .500 +.006 - .001			SHEET	1 OF 1	
.501 - .750 +.008 - .001					

NEXT ASSY

ASH 111661