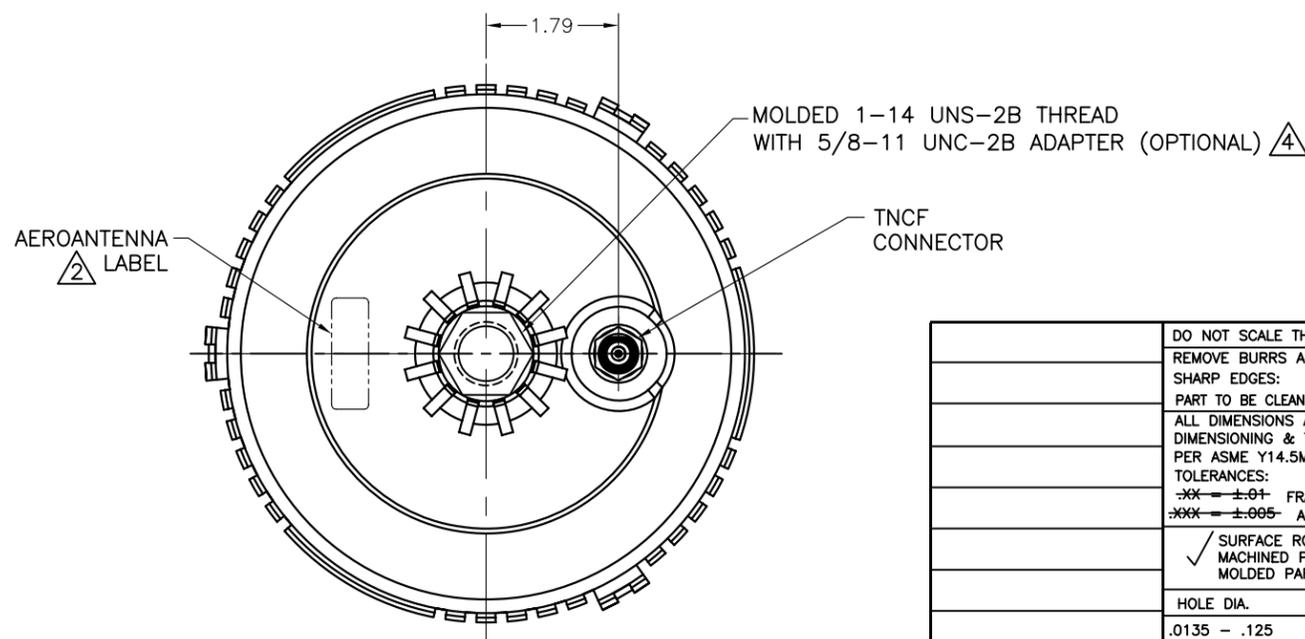
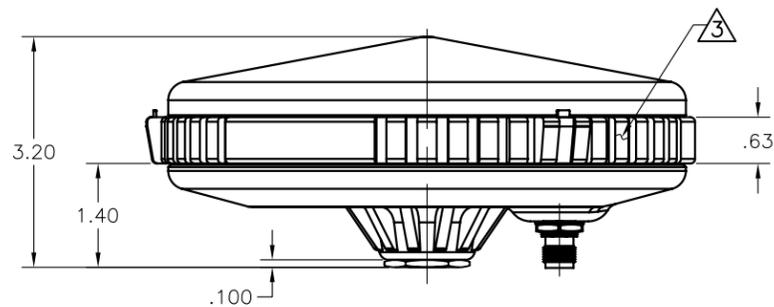
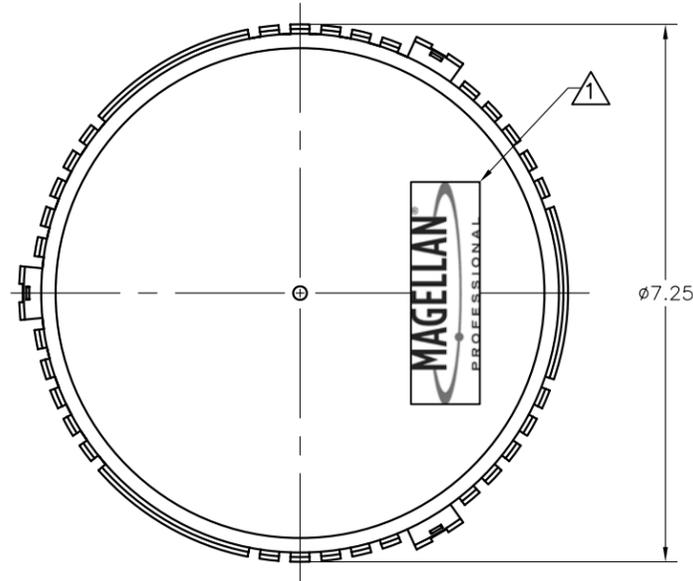


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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	09/17/08	

NOTES: UNLESS OTHERWISE SPECIFIED.

- 1 LOGO ORIENTATION.
- 2 LABEL SIZE, SHAPE, AND CONTENTS SUBJECT TO CHANGE WITHOUT NOTICE.
- 3 BUMPER COLOR: BLACK.
- 4 INSERT NOT INCLUDED WITH ANTENNA.
- 5. TOLERANCES: .XX ± .03  
.XXX ± .010



SPECIFICATION:

FREQUENCY: 1590 ±25 MHz  
1238 ±21.5 MHz  
POLARIZATION: RIGHT HAND CIRCULAR  
AXIAL RATIO: 3 dB MAX @ BORESIGHT  
RADIATION COVERAGE: TBD

AMPLIFIER:  
NOISE FIGURE: 2.5 dB MAX  
IMPEDANCE: 50 OHMS  
VSWR: ≤2.0:1  
BAND REJECTION: 20 dB @ 250 MHz  
VOLTAGE: +4.25 TO +15 VDC  
CURRENT: 65 mA MAX  
CONNECTOR: TNCF BULKHEAD  
WEIGHT: 1.36 LBS  
OPERATING TEMP: -40°C TO +75°C  
DESIGNED TO: DO-160

PART NO. DESIGNATION:

AT1675-7MW-XXXX-XXX-XX-XX-NM-R

CUSTOMER: M = MAGELLAN  
COLOR: W = WHITE  
CONNECTOR: TNCFB = TNCF BULKHEAD  
CABLE LENGTH: 000 = IN INCHES

RoHS COMPLIANT: R = RoHS COMPLIANT  
MAGNET: NM = NO MAGNET  
GAIN (± 3 dB): 38 = 38 dB (55 mA)  
VOLTAGE: RG = +4.25 to +15 VDC

STANDARD MODEL= AT1675-7MW-TNCFB-000-RG-38-NM-R

DO NOT SCALE THIS DRAWING		DRAWN	V. GRINEVICH	09/17/08	 AS9100 CERTIFIED CO.	
REMOVE BURRS AND BREAK SHARP EDGES:		CHECKED				
PART TO BE CLEAN AND OIL FREE		ENGR	S. VALDES	10/20/08	TITLE L1/L2 GPS + GLONASS ANTENNA	
ALL DIMENSIONS ARE IN INCHES		MFG				
DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994		Q.A.			SIZE: B CAGE CODE: OUVG2 DRAWING NO.: AT1675-7M REV: 1	
TOLERANCES:		APPROVED				
-XX ±.01 FRACT = ±1/32		DRAWN IN	CAD		SCALE: NONE I:\CAD\AT1675\07M\AT1675-7M_1	
XXX ±.005 ANG. = ±1/2°						
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32					SHEET 1 OF 1	
HOLE DIA.	TOLERANCE					
.0135 - .125	+0.04 -.001					
.126 - .250	+0.05 -.001					
.251 - .500	+0.06 -.001					
.501 - .750	+0.08 -.001					

NEXT ASSY