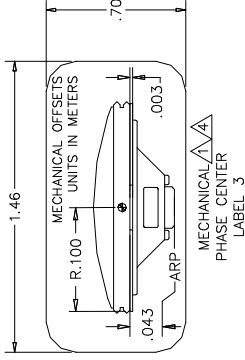
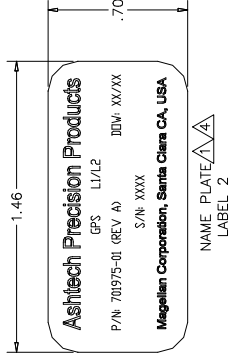
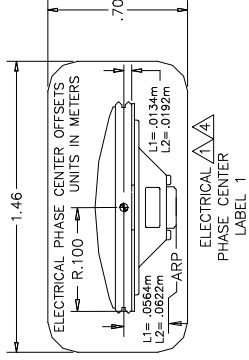
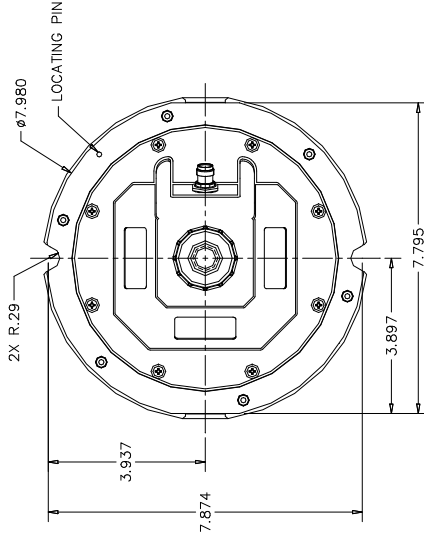
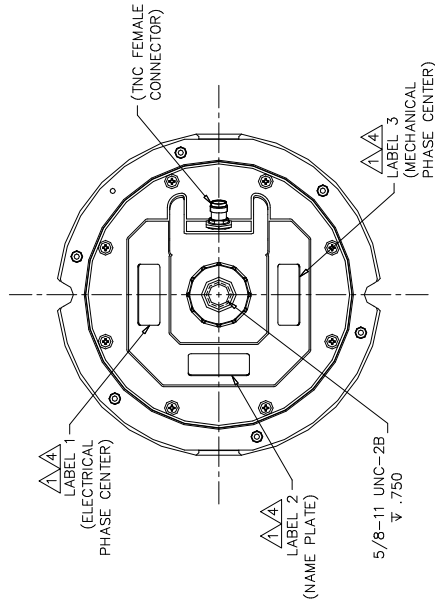
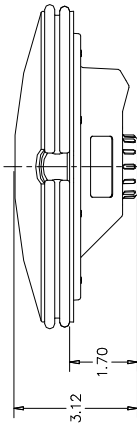
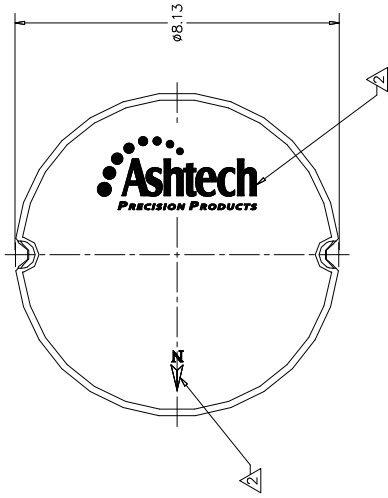


SPECIFICATION:

FREQUENCY: 1227±10 MHz &
1575±10 MHz
POLARIZATION: RIGHT HAND CIRCULAR
AXIAL RATIO: 3 dB MAX
RADIATION COVERAGE:
TBD dBic $\theta = 0^\circ$
-1BD dBic $0^\circ < \theta < 75^\circ$
-1BD dBic $75^\circ \leq \theta < 85^\circ$
-1BD dBic $80^\circ \leq \theta < 85^\circ$
-1BD dBic $\theta = 90^\circ$
AMPLIFIER:
GAIN: 38 dB ± 3 dB
NOISE FIGURE: 2.5 dB MAX
VOLTAGE: REGULATED
IMPEDANCE: 50 OHMS
VSWR: 2.0:1
BAND REJECTION: 70dB @ 1625MHz
CONNECTOR OPTIONS: TNC FEMALE
WEIGHT: 1.8 lbs. MAX
MATERIAL: RADOME: XENOVY 2230EU, WHITE
BASE: XENOVY 2230EU, BLUE (PANTONE 300)
ALTITUDE: 50,000'
OPERATING TEMP: -55°C TO +85°C
MOISTURE RESISTANCE: SUBMERSIBLE (PASSES IPX7 STANDARD)
SHOCK: SURVIVES 2.0 METER POLE DROP ON TO CONCRETE
VIBRATION: DESIGNED TO D0160C

NOTES:

1. LABEL SIZE, SHAPE, AND CONTENTS SUPPLIED BY MAGELLAN/ASHTech.
2. LOGO LOCATION AND ORIENTATION.
3. TOLERANCES: .XX ± .03
.XXX ± .010
ALL LABELS SHALL BE LEGIBLE WHEN VIEWED FROM THE SIDE.



ITEM		PART NUMBER		DESCRIPTION		MANUFACTURER		QTY	
PARTS LIST									
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APPROVALS		DATE		SANTA CLARA, CA	
DIMENSIONS ARE IN INCHES. DIMENSIONS IN PARENTHESES ARE PER ANSI Y14.5M 1982. A-BER ARE PER ANSI Y1.1 - 1972.				ANGLES DECIMALS XXX ± XX ± MATERIAL		S. VALDES 4-24-00 CHECKED			
N/A								ANT, L1/L2, GEO IV, TNC	
FINISH								SIZE	
N/A								DRAWING NO.	
								B	
								202860	
								SCALE: NONE	
								DO NOT SCALE DRAWING	
								SHEET 1 OF 1	