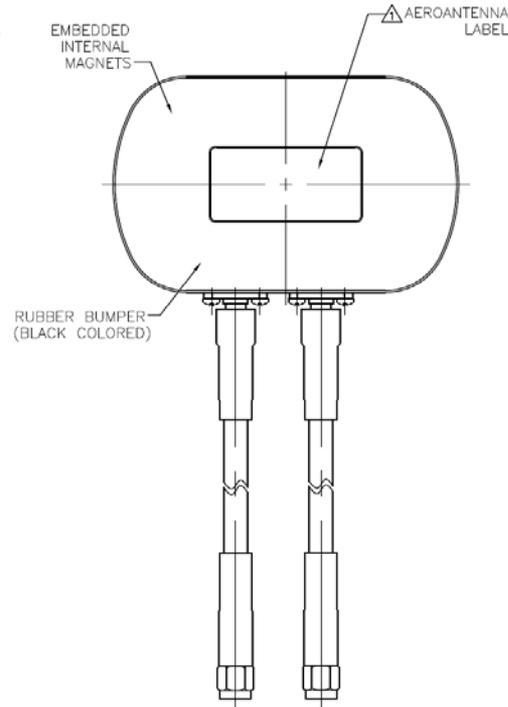
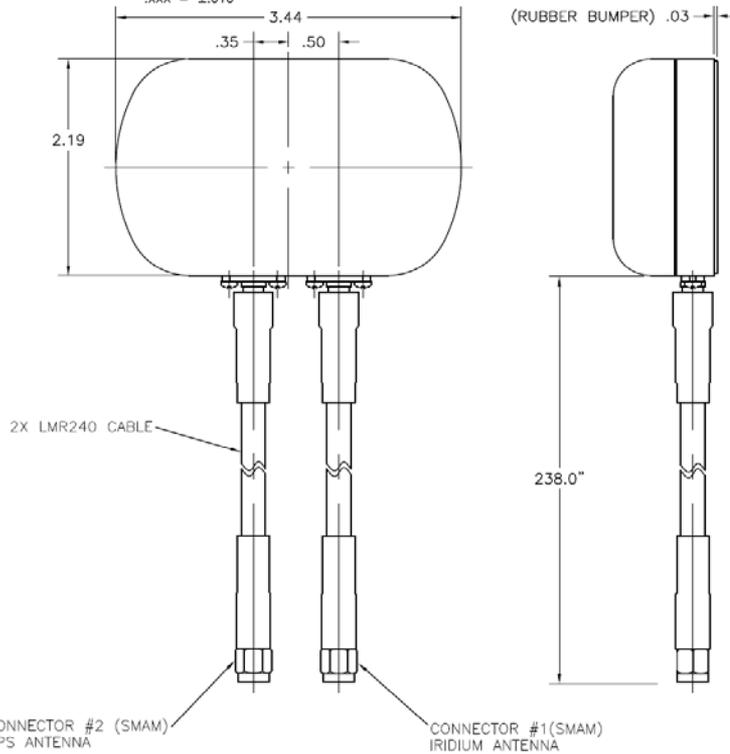


PROPRIETARY NOTICE: This document contains proprietary information of AAT Inc. neither the document nor said proprietary information shall be published, reproduced, copied, disclosed or used for any purpose other than consideration of this document without the express written permission of a duly authorized representative of said Company.

NOTES: UNLESS OTHERWISE SPECIFIED.

△ SIZE, SHAPE, AND CONTENTS OF NAME PLATE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

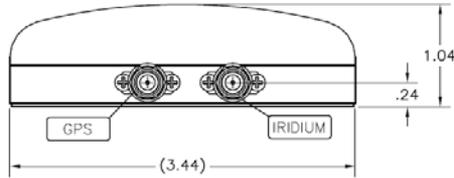
2 TOLERANCE: .XX = ±.03
.XXX = ±.010



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
4	ENGINEERING RELEASE	08/10/08	

SPECIFICATION:

FREQUENCY: IRIIDIUM (1616-1626 MHz)
RANGES: GPS (1575.42 ± 5 MHz)
POLARIZATION: RIGHT HAND CIRCULAR
AXIAL RATIO: 3dB MAX @ BORESIGHT
AMPLIFIER:
GAIN: IRIIDIUM: PASSIVE
GPS L1: 26 dB (35 mA)
VOLTAGE: IRIIDIUM: PASSIVE
GPS L1: 3 VDC
NOISE FIGURE: 2.5 dB MAX
IMPEDANCE: 50 OHM
VSWR: ≤ 2.0:1
WEIGHT: TBD
MATERIAL: BASE-ALUMINUM
RADOME- HIGH IMPACT, WHITE
CONNECTOR #1 (SMAM): IRIIDIUM
CONNECTOR #2 (SMAM): GPS
ALTITUDE: 20,000'
OPERATING TEMP: -40°C TO +70°C
DESIGNED TO: DO-160C



DO NOT SCALE THIS DRAWING	DRAWN	N. ISTRATE	07/28/08
REMOVE BURRS AND BREAK SHARP EDGES	CHECKED		
PART TO BE CLEAN AND OIL FREE	ENGR		
ALL DIMENSIONS ARE IN INCHES	MFG		
DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994	Q.A.		
TOLERANCES:	APPROVED		
.XX = ±.01 FRACT = ±1/32	DRAWN IN	ACAD	
.XXX = ±.005 ANG. = ±1/2°			
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32			
HOLE DIA. TOLERANCE			
.0135 - .125 ±.004			
.126 - .250 ±.001			
.251 - .500 ±.001			
.501 - .750 ±.001			

AeroAntenna Technology Inc

TITLE: **Dual Mode MAG mount GPS/Iridium antenna**

SIZE: B CAGE CODE: OUVG2 DRAWING NO.: **RST705** REV: 4

SCALE: NONE 6m cable included SHEET 1 OF 1

NEXT ASSY