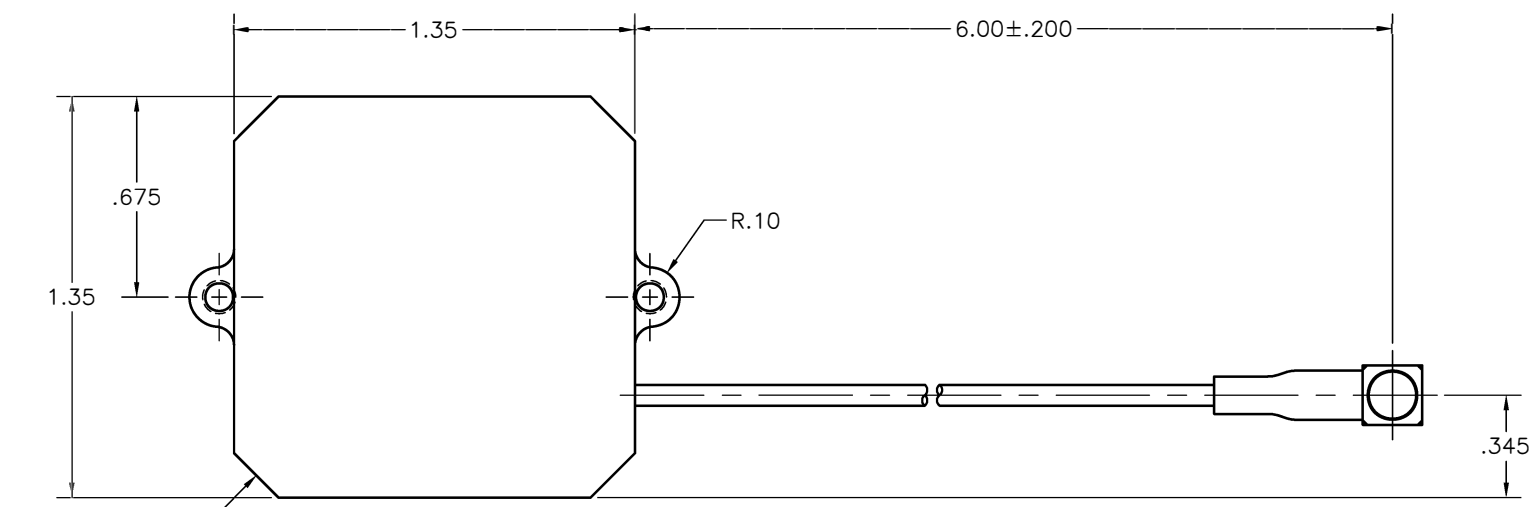


REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
C	REVISE PER ECO 8887	08/18/09	
CHANGE CABLE LENGTH TOLERANCE FROM .06 TO .20			

NOTE: UNLESS OTHERWISE SPECIFIED.

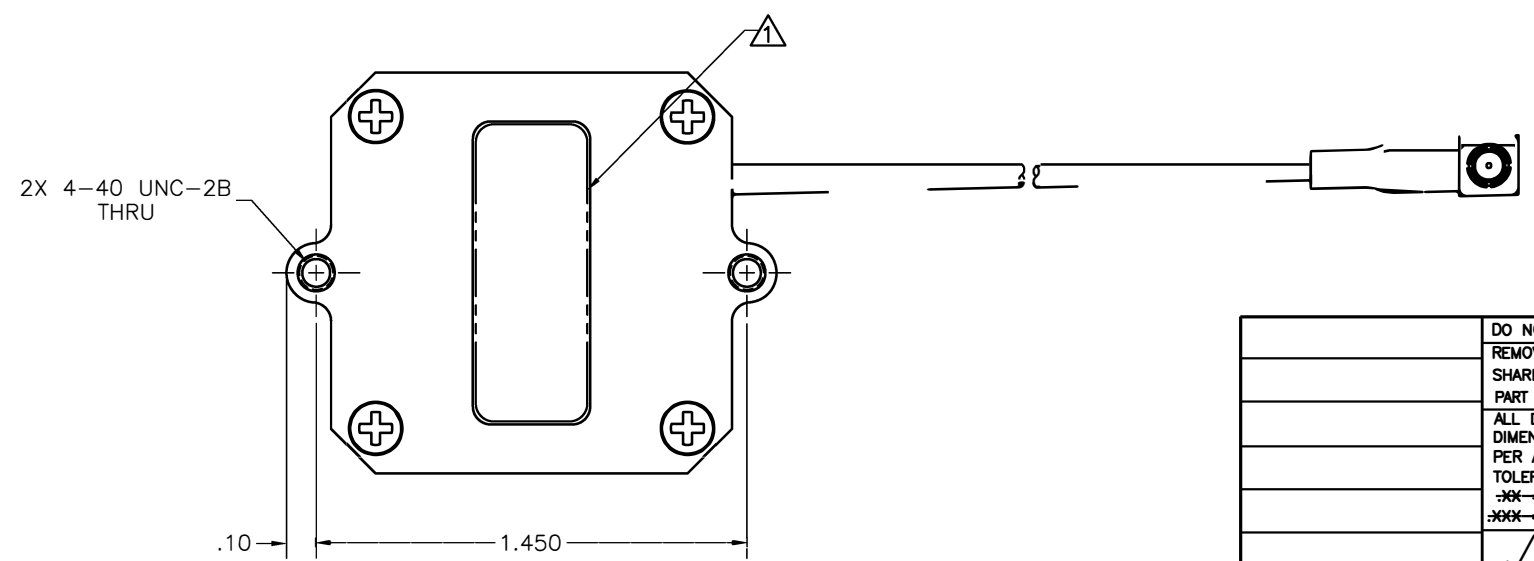
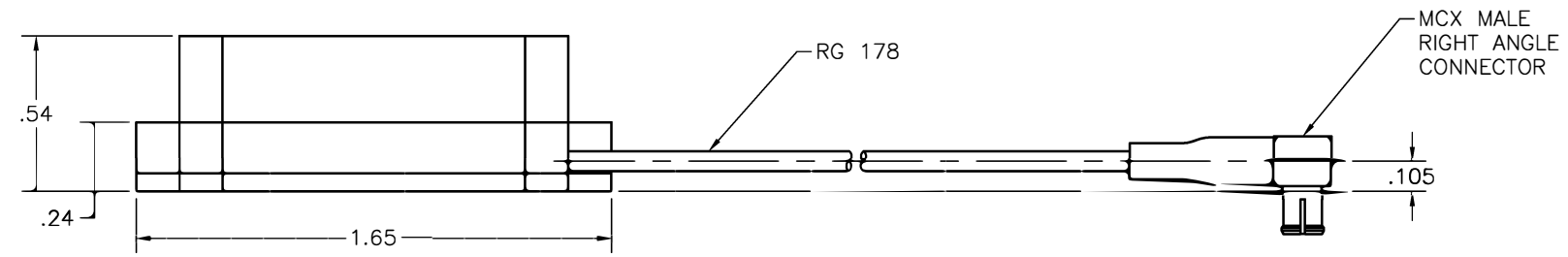
1. LABEL SIZE, SHAPE AND CONTENTS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

2. TOLERANCES: .XX = ±.03
.XXX = ±.010



SPECIFICATION:

FREQUENCY: 1575 MHz ±10 MHz (L1)
1227 MHz ±10 MHz (L2)
POLARIZATION: RIGHT HAND CIRCULAR
AXIAL RATIO: 3 dB MAX @ BORESIGHT
RADIATION COVERAGE: 4.0 dBic 0° = 0°
-1.0 dBic 0° < θ < 75°
-2.5 dBic 75° ≤ θ < 80°
-4.5 dBic 80° ≤ θ < 85°
-7.5 dBic θ = 90°
AMPLIFIER:
GAIN: 20-30 dB
NOISE FIGURE: 2.5 dB MAX
IMPEDANCE: 50 OHM
VSWR: ≤2.0:1
OPERATING VOLTAGE: 3.0±.25VDC
CONNECTOR: MCX MALE RIGHT ANGLE
WEIGHT: 40 GRAMS MAX.
ALTITUDE: 15,000'
OPERATING TEMP. -40°C TO +55°C
STORAGE TEMP: -51°C TO +71°C



03-9243358 :סקפ ▪ 03-9243352 :לז ▪ ת.ד. 7042 פ"ת ▪ רח' אודם 14, ת.י. 7042
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DO NOT SCALE THIS DRAWING	DRAWN	A. DEVERA	04/30/09
REMOVE BURRS AND BREAK SHARP EDGES:	CHECKED	S. VALDES	07/23/09
PART TO BE CLEAN AND OIL FREE	ENGR	A. DEVERA	07/13/09
ALL DIMENSIONS ARE IN INCHES	MFG	DANNY LEVY	07/13/09
DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994	Q.A.	B. RUBENI	07/13/09
TOLERANCES:	APPROVED	YOUSI Z.	07/23/09
XXX ±.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 -001		
.126 - .250	+005 -001		
.251 - .500	+006 -001		
.501 - .750	+008 -001		

AeroAntenna Technology Inc
AS9100 CERTIFIED CO.

TITLE: GPS ANTENNA

SIZE: B CAGE CODE: OUVG2 DRAWING NO.: AT2775-278 REV: C

SCALE: NONE I:\CAD\AT2775\278\AT2775-278_C SHEET 1 OF 1

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NEXT ASSY

AT2775-278