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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
A	RELEASED TO PRODUCTION PER ECO 9234	05/25/10	

NOTES: UNLESS OTHERWISE SPECIFIED.

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

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



AT2775-264

SPECIFICATION:

FREQUENCY: 1575 MHz ±10 MHz (L1)
1227 MHz ±10 MHz (L2)

POLARIZATION: RIGHT HAND CIRCULAR

AXIAL RATIO: 3 dB MAX @ BORESIGHT

RADIATION COVERAGE: L1 + 2.0 dBic
L2 + 1.0 dBic

AMPLIFIER:

GAIN: 26± 3dB

NOISE FIGURE: 2.5 dB MAX

IMPEDANCE: 50 OHM

VSWR: ≤2.0:1

POWER HANDLING: 1 WATT

OPERATING VOLTAGE: 3.3 VDC NOMINAL

CURRENT: 60 mA Max

CONNECTOR: TNC MALE (PLUG)

WEIGHT: 3.0 OZ

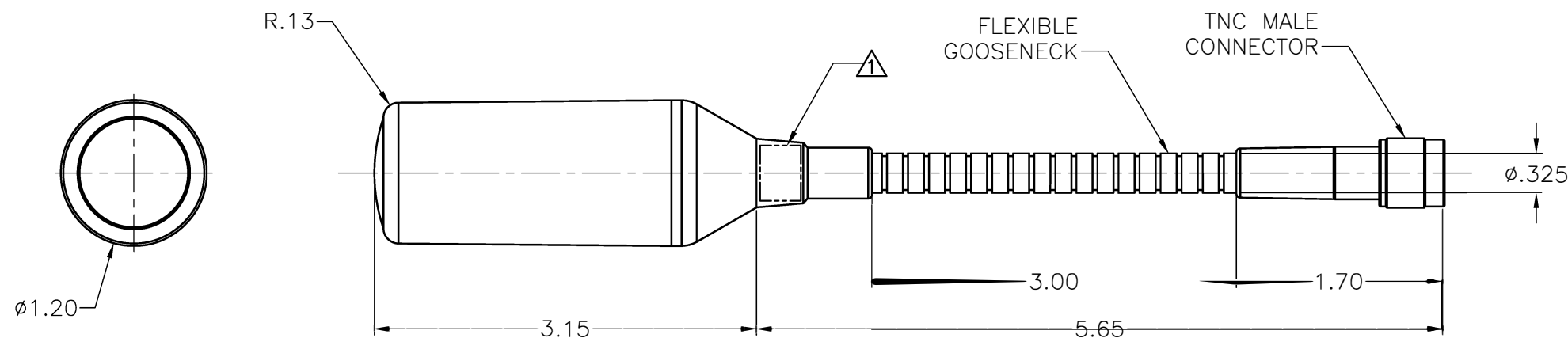
ALTITUDE:

NON-OPERATIONAL: 40,000'

OPERATIONAL: 30,000'

OPERATING TEMP. -40°C TO +55°C

STORAGE TEMP: -51°C TO +71°C



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DO NOT SCALE THIS DRAWING		DRAWN		 AS9100 CERTIFIED CO.	
REMOVE BURRS AND BREAK SHARP EDGES:		A. GUTIERREZ 05/25/10			
PART TO BE CLEAN AND OIL FREE		CHECKED		TITLE	
ALL DIMENSIONS ARE IN INCHES		ENGR			
DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994		KRIT RERKSAWAT 05/28/10		GPS ANTENNA	
TOLERANCES:		MFG			
.XX ±.03 FRACT = ±1/32		DANNY LEVY 06/10/10		SIZE	
.XXX ±.005 ANG. = ±1/2		Q.A.			
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32		B. RUBENI 06/10/10		CAGE CODE	
HOLE DIA. TOLERANCE		APPROVED			
.0135 - .125 +.004 - .001		YOUSI Z. 08/05/10		DRAWING NO.	
.126 - .250 +.005 - .001		DRAWN IN			
.251 - .500 +.006 - .001		ACAD		SCALE	
.501 - .750 +.008 - .001					
NEXT ASSY				NONE	
				I:\CAD\AT2775\264\AT2775-264_A	
				SHEET 1 OF 1	

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