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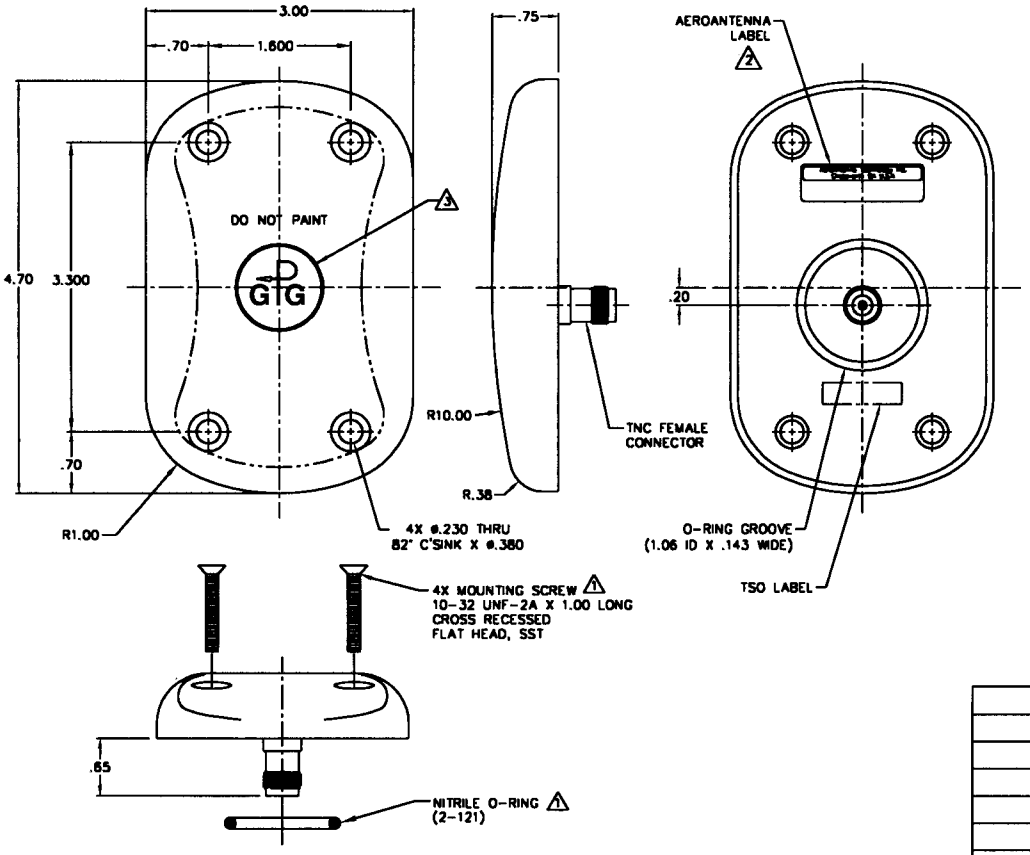
REVISIONS				
LTR	DESCRIPTION	EFFECTIVITY	DATE	APPD
C	SEE ECO	ECO #2696	05/05/98	

AT1675-0

NOTES: UNLESS OTHERWISE SPECIFIED.

1. O-RING AND MOUNTING SCREWS SUPPLIED BY AEROANTENNA.
2. LABEL SIZE, SHAPE AND CONTENTS SUBJECT TO CHANGE WITHOUT NOTICE.
3. LOGO OPTIONAL.
4. TOLERANCES: .XX ± .03
   .XXX ± .010



SPECIFICATION:

FREQUENCY:	1565-1585 MHz + GLONASS
POLARIZATION:	RIGHT HAND CIRCULAR
AXIAL RATIO:	3 dB MAX
RADIATION COVERAGE:	4.0 dBic 0° = θ°
	-1.0 dBic 0° < θ < 75°
	-2.5 dBic 75° ≤ θ < 80°
	-4.5 dBic 80° ≤ θ < 85°
	-7.5 dBic θ = 90°
AMPLIFIER:	
NOISE FIGURE:	2.5 dB MAX
IMPEDANCE:	50 OHMS
VSWR:	≤2.0:1
BAND REJECTION:	20 dB @ 250 MHz
POWER HANDLING:	1 WATT
FINISH:	POLYURETHANE ENAMEL, FLUID RESISTANT
WEIGHT:	8 OZ MAX
ALTITUDE:	55,000'
OPERATING TEMP:	-55°C TO +85°C
DESIGNED TO:	DO-160C
	ENV CAT: F2-AB[CLY]XSFDFSXXXXXXAM[2A]C
	ARINC 743 FOOTPRINT
TSO:	C-129

PRECISE POSITIONING MANAGEMENT
ppm
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Germany
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Email: info@ppmgmbh.com
Web: www.ppmgmbh.com

PART NO. DESIGNATION:

AT1675-0X-XXXX-XXX-XX-XX-XX

COLOR
W = WHITE
S = SMOKE GRAY
O = OLIVE DRAB

CONNECTOR
* TNCM = TNC MALE
TNCF = TNC FEMALE
* BNCM = BNC MALE
* BNCF = BNC FEMALE
* MCXM = MCX MALE
* MCXF = MCX FEMALE
* SMAM = SMA MALE
* SMAF = SMA FEMALE
* NTPM = N TYPE MALE
* NTPF = N TYPE FEMALE
* 0000 = NO TERMINATION

CABLE LENGTH
* 000 = IN INCHES

MAGNET
NM = NO MAGNET
* IM = INTERNAL
* RM = REMOVABLE
* HD = HEAVY DUTY

GAIN (± 2 dB)
00 = PASSIVE
12 = 12 dB (28 mA)
26 = 26 dB (65 mA)
36 = 36 dB (100 mA)
XX = OTHER

VOLTAGE
RG = 4.5 TO 18.0 VDC

* = OPTION NOT AVAILABLE WITH THIS MODEL

STANDARD MODEL= AT1675-0W-TNCF-000-RG-26-NM

QTY REQ.	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL/SPECIFICATION	ITEM NO.
LIST OF MATERIALS					

DRAWN BY	E.GALBAN	12/20/96	
CHECK	UNG KI AN	01/08/98	
PROJ ENGR	S. VALDES	01/08/98	
Q.A.	B. RUBENI	01/08/98	
APPROVAL	G. SHACHAR	01/08/98	

UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING TOLERANCES
DIMENSIONS ARE IN INCHES .XX ± .03 .XXX ± .010
ANGLES ± 1/2°
✓ INDICATES SURFACE ROUGHNESS PER MIL-STD-10

NEXT ASSY | USED ON
APPLICATION

AeroAntenna Technology Inc

TITLE: GPS GLONASS ANTENNA

SIZE	CAGE CODE	DRAWING NO.	REV
B	0UVG2	AT1675-0	C

SCALE NONE | AT1675-0C | SHEET 1 OF 1