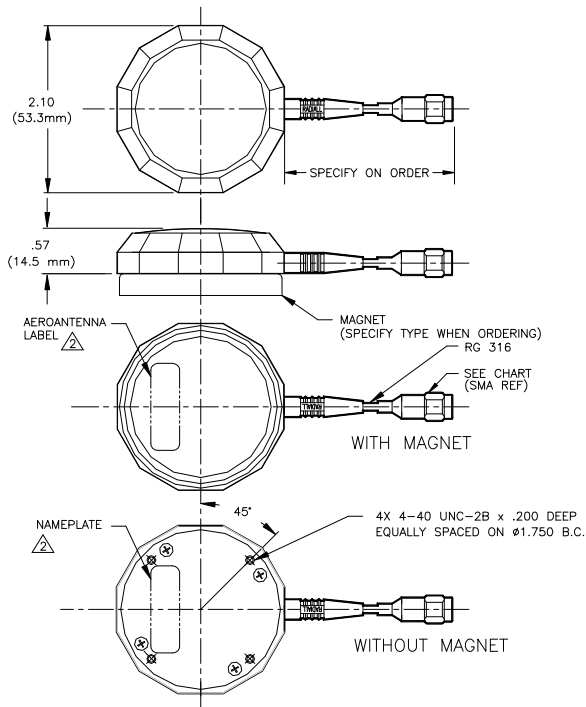


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| REVISIONS | | | |
|-----------|--------------|----------|----------|
| S/N | DESCRIPTION | DATE | APPROVED |
| G | SEE ECO 4383 | 05/31/00 | |

NOTES: UNLESS OTHERWISE SPECIFIED

1. LOGO OPTIONAL.
2. LABEL SIZE, SHAPE AND CONTENTS SUBJECT TO CHANGE WITHOUT NOTICE.
3. TOLERANCES: .XX = ±.03
.XXX = ±.010



SPECIFICATION:

FREQUENCY: 1575 MHz ±5 MHz
 POLARIZATION: RIGHT HAND CIRCULAR
 AXIAL RATIO: 3 dB MAX
 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: SPECIFY WHEN ORDERING
 NOISE FIGURE: 2.5 dB MAX
 VOLTAGE: SPECIFY WHEN ORDERING
 IMPEDANCE: 50 OHM
 VSWR: ≤2.0:1
 BAND REJECTION: 35 dB
 POWER HANDLING: 1 WATT
 FINISH: SPECIFY WHEN ORDERING
 CONNECTOR: SPECIFY WHEN ORDERING
 WEIGHT: 3.7 OUNCES
 OPERATING TEMP: -40°C TO +70°C
 DESIGNED TO: DO-160C,

PART NO. DESIGNATION:

AT575-7X-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
 * O000 = 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 (20 mA)
 26 = 26 db (35 mA)
 36 = 36 db (50 mA)
 * XX = OTHER
 VOLTAGE
 * 00 = PASSIVE
 05 = 5 VDC
 * RG = 5-18 VDC
 XX = OTHER

* = OPTION NOT AVAILABLE WITH THIS MODEL
 STANDARD MODEL= AT575-7W-SMAM-120-05-26-RM
 RIGHT ANGLE CONNECTOR ADD "R" TO CONNECTOR NOTATION.
 THIS OPTION AVAILABLE FOR CABLED ANTENNAS ONLY.

| | | | |
|---|----------------------------------|------------------------|----------------------|
| DO NOT SCALE THIS DRAWING | DRAWN J. AMADO 10/09/91 | | TITLE GPS ANTENNA |
| ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ANSI Y14.5M-1982 | CHECKED S. VALDES 05/12/95 | | |
| TOLERANCES: XX = ±.01 XXX = ±.005 FRACT = ±1/32 ANG. = ±1/2° | ENGR J. AMADO 10/09/91 | | |
| ✓ SURFACE ROUGHNESS PER ANSI B46.1 REMOVE BURRS AND BREAK SHARP EDGES: PART TO BE CLEAN AND OIL FREE | Q.A. G. SHACHAR 05/01/95 | SIZE B | CAGE CODE OUVG2 |
| USED ON UNLESS OTHERWISE SPECIFIED | APPROVED J. KLEIN 05/01/95 | DRAWING NO. AT575-7 | REV G |
| | DRAWN IN ACAD | SCALE NONE | SHEET 1 OF 1 |