



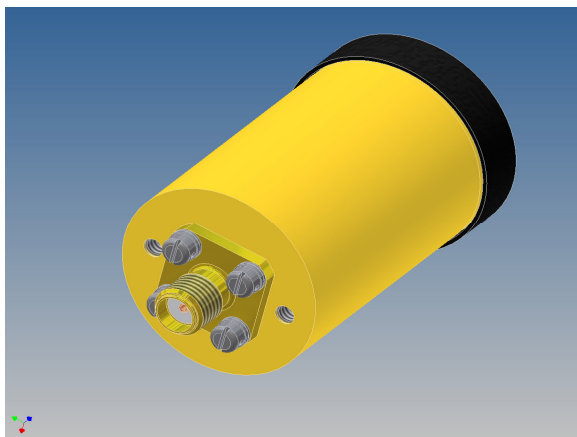
HIGH PERFORMANCE  
ANTENNAS

PRODUCT DATA

21400-01

**SPIRAL ANTENNA**  
**P/N: 21400-01**

FREQUENCY - GHz	8.0 - 18.0	
POLARIZATION	LHC	
GAIN - dBiL	1.0 - 3.0	
GAIN - dBiC	4.0 - 6.0	
BEAMWIDTH - DEG	80	3-dB, NOMINAL
AXIAL RATIO - dB	1.0	MAXIMUM
BEAM SQUINT - DEG	5.0	MAXIMUM
VSWR	1.9 : 1	MAXIMUM
POWER - WATTS	5.0	CW
CONNECTOR	SMA	FEMALE
WEIGHT - GRAMS	50.0	MAXIMUM
ENVIRONMENT	FLIGHT	INTEGRAL RADOME

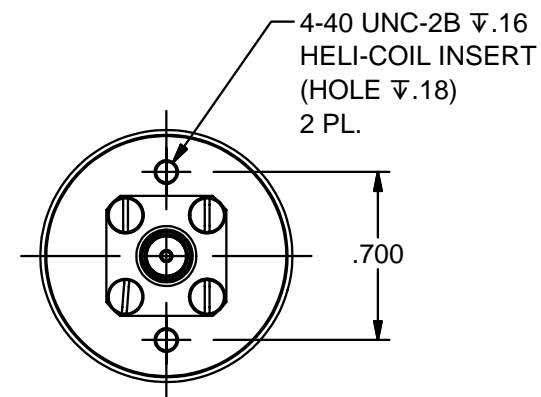
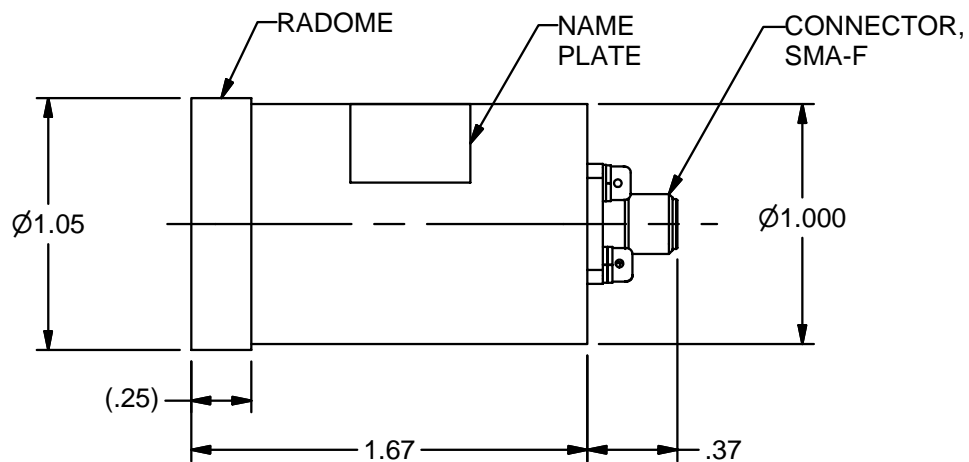
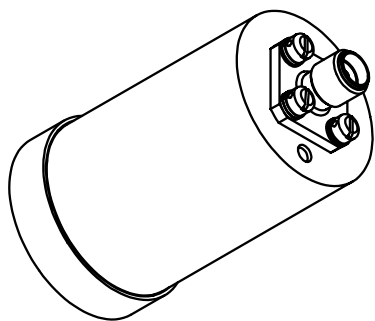


**AMT MICROWAVE CORPORATION**  
**850 CALLE PLANO CAMARILLO CA 93012**  
**(T) 805-384-1560 (F) 805-384-1563**

AMT PROPRIETARY INFORMATION

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
A	DESIGN RELEASE	26FEB2003	S.HEKIER



NOTES:

1. MATERIAL: AL-ALY 6061-T6 (ANTENNA BODY).
2. FINISH: CHEMICAL FILM PER MIL-C-5541E CL-3.

INTERFACE CONTROL DRAWING

PREPARED BY <b>SONBJ</b>	DATE <b>2/19/2003</b>	<b>AMT</b> AMT MICROWAVE CORPORATION CAMARILLO CA 93012
APPROVED BY <b>SH</b>	DATE <b>2/26/2003</b>	
UNLESS OTHERWISE NOTED DIM AND TOL PER ANSI Y14.5 MACH 125 ✓ PER ANSI B461 REMOVE BURRS AND SHARP EDGES .010 MAX TOL: .XX±.030 .XXX±.010 ANGLE±1°		TITLE <b>HB SPIRAL ANTENNA</b>
SIZE <b>A</b>	CAGE CODE <b>6AB36</b>	DWG NO <b>21400-01</b>
MATERIALS: PLEASE SEE NOTES		REV <b>A</b>
SCALE: NTS	WT: 50 GR. MAX	SHEET 1 OF 1