



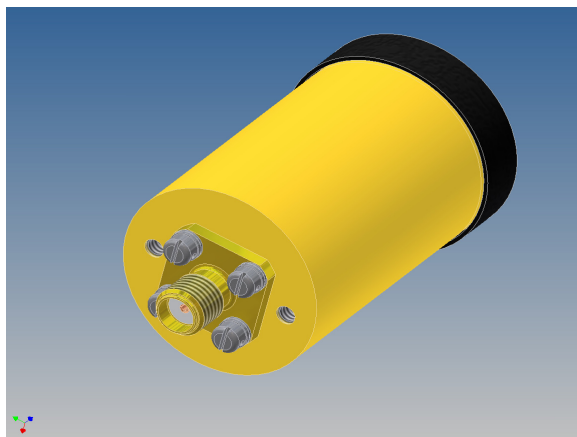
HIGH PERFORMANCE
ANTENNAS

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	AIRBORNE	INTEGRAL RADOME

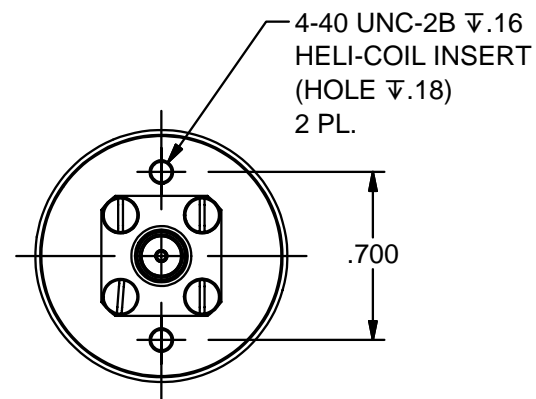
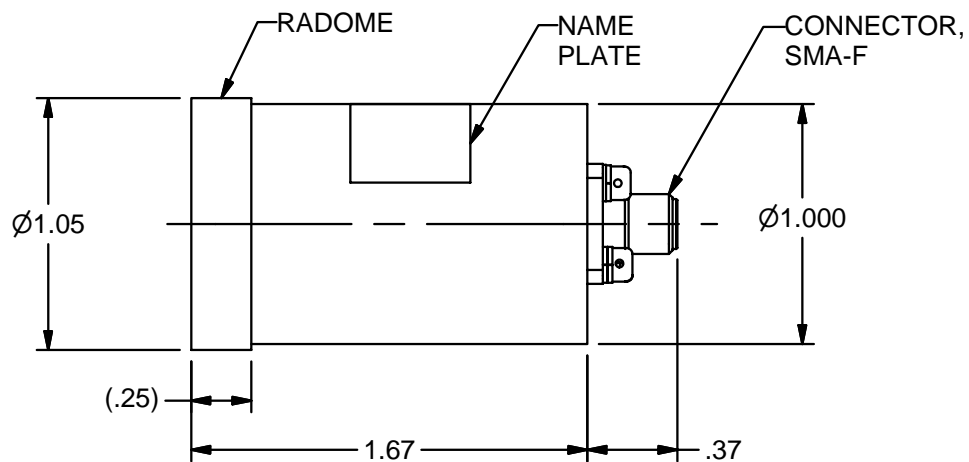
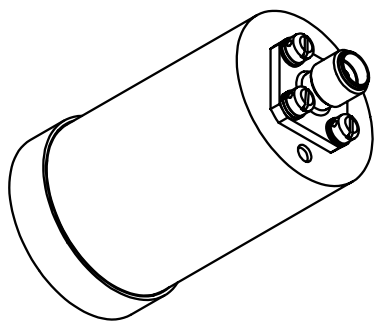


AMT MICROWAVE CORPORATION
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AMT PROPRIETARY INFORMATION

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