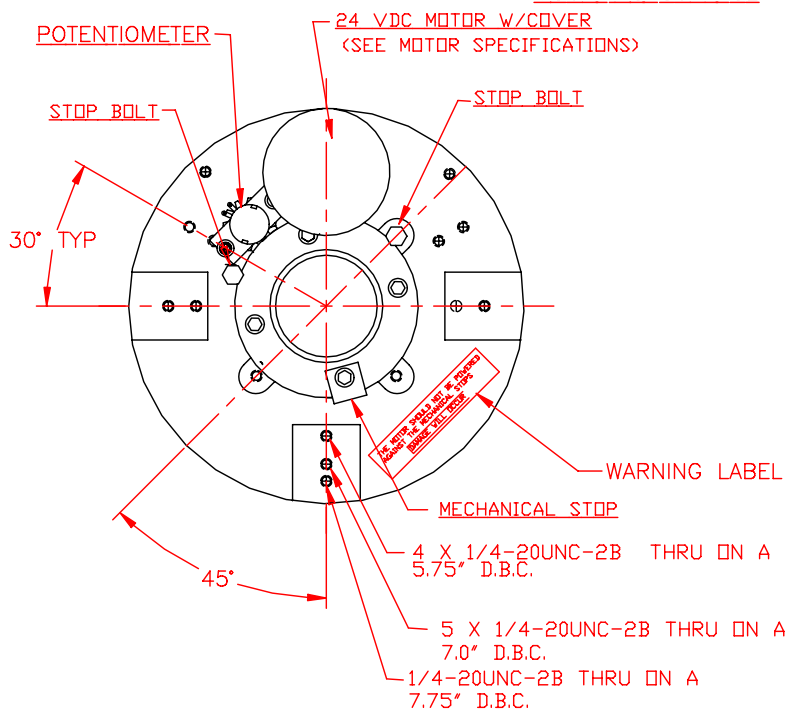
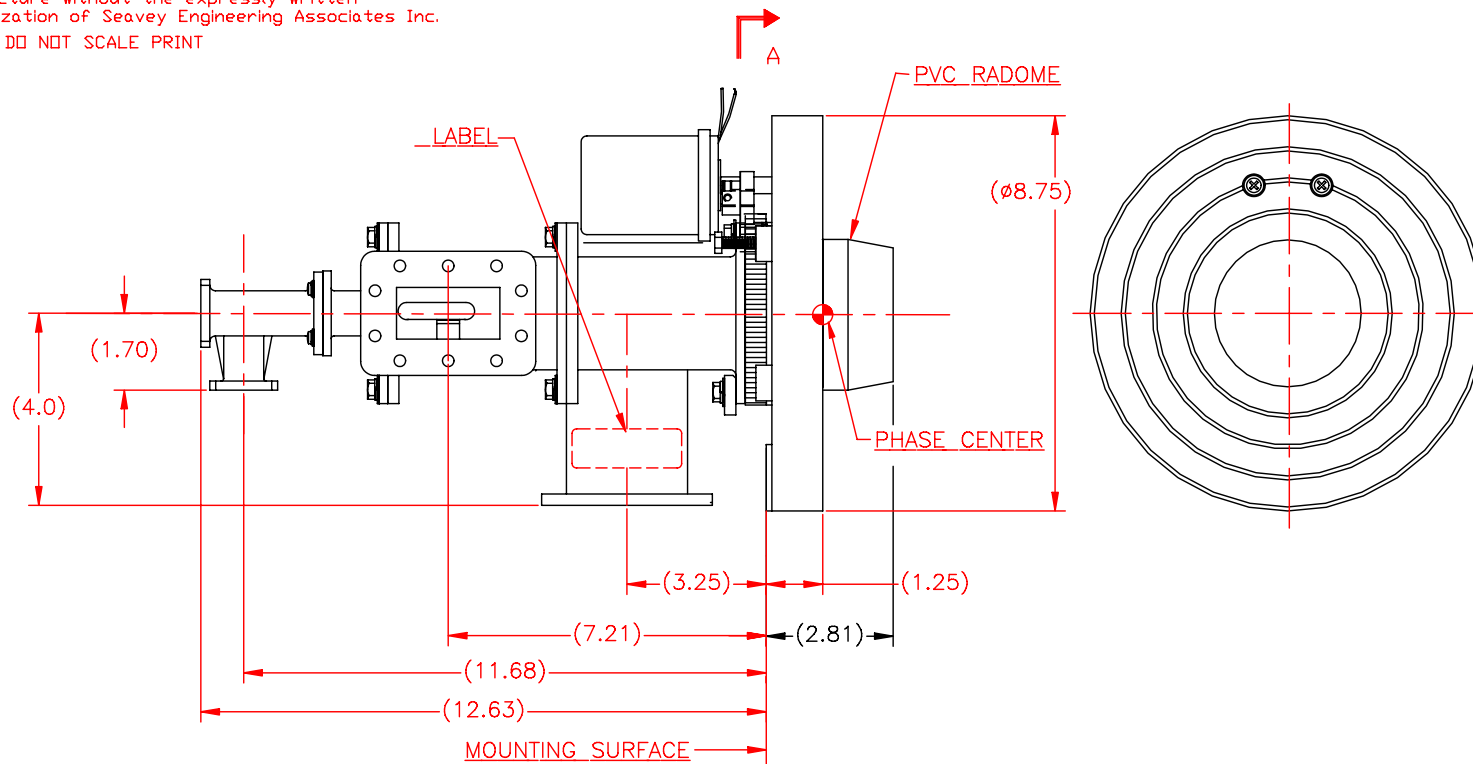


These drawings and specifications are the property of Seavey Engineering Associates, Inc. and shall not be used as the basis of design or manufacture without the expressly written authorization of Seavey Engineering Associates Inc.

DO NOT SCALE PRINT



SECTION A-A

NOTES:

- 1) O-RINGS ARE INSTALLED BETWEEN ALL MATING SURFACES
- 2) SEE SECTION A-A FOR MOUNTING DETAILS.
- 3) OUTPUT PORTS: Ku-Band WR-75F
C-Band CPR-229F
- 4) ORIENTATION OF Ku-BAND PORTS IS NOT CRITICAL
- 5) MOTOR SPECIFICATIONS:
MOTOR 24 VOLTS DC
NO LOAD
SPEED 3.80 RPM
CURRENT 0.93 AMPS
FULL LOAD
SPEED 3.29 RPM
CURRENT 0.19 AMPS
TORQUE 480 OZ-IN
GEAR RATIO: MOTOR & POTENTIOMETER TO DMT GEAR = 4:1

SPECIFICATIONS:	C-BAND	Ku-BAND
FREQUENCY	3.4-4.2 GHz	10.70-12.75 GHz
POLARIZATION	DUAL LINEAR	DUAL LINEAR
RETURN LOSS	10.0 dB MIN	12.0 dB MIN
ISOLATION	20 dB MIN	30 dB MIN
CROSS-POL	25 dB MIN	20 dB MIN

REVISIONS					
ECO#	REV	DESCRIPTION	DATE	APPROVED	
	A	ORIGINAL ISSUE	WM 8-23-08		

FINISH CHROMATE PER MIL-C-5541 CLASS 1A, WHITE PAINT	
MATERIAL FEED: ALUM HARDWARE: SSTEEL REMOVE ALL BURRS AND SHARP EDGES DO NOT SCALE DRAWING WORKMANSHIP SHALL BE IN ACCORDANCE WITH MIL-HDBK-454, GUIDELINE 9. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
ANGLES	HOLE DIA TOLERANCES
±1°	.0135-.250 +.005 -.005 .251-.500 +.006 -.006 .501-1.000 +.010 -.005
	LINEAR
	.X = ±.06 .XX = ±.02 .XXX = ±.010
DRAWN: WPMC	DATE: 08-22-08
CHECKED:	DATE:
PROJ. ENG:	DATE:
ENG. DEPT: BARBUTO	DATE: 08-25-08
MFG. DEPT: TRASK	DATE: 08-25-08
Q.A. DEPT:	DATE:
SEAVEY ENGINEERING ASSOCIATES, INC. PEMBROKE, MA. 02369	
DRAWING TITLE	
MODEL ESR-124D/B-2 FEED (WITH POTENTIOMETER)	
SIZE	DATE
C 60173	0235-815
SCALE	WT
	SHEET 1 of 1