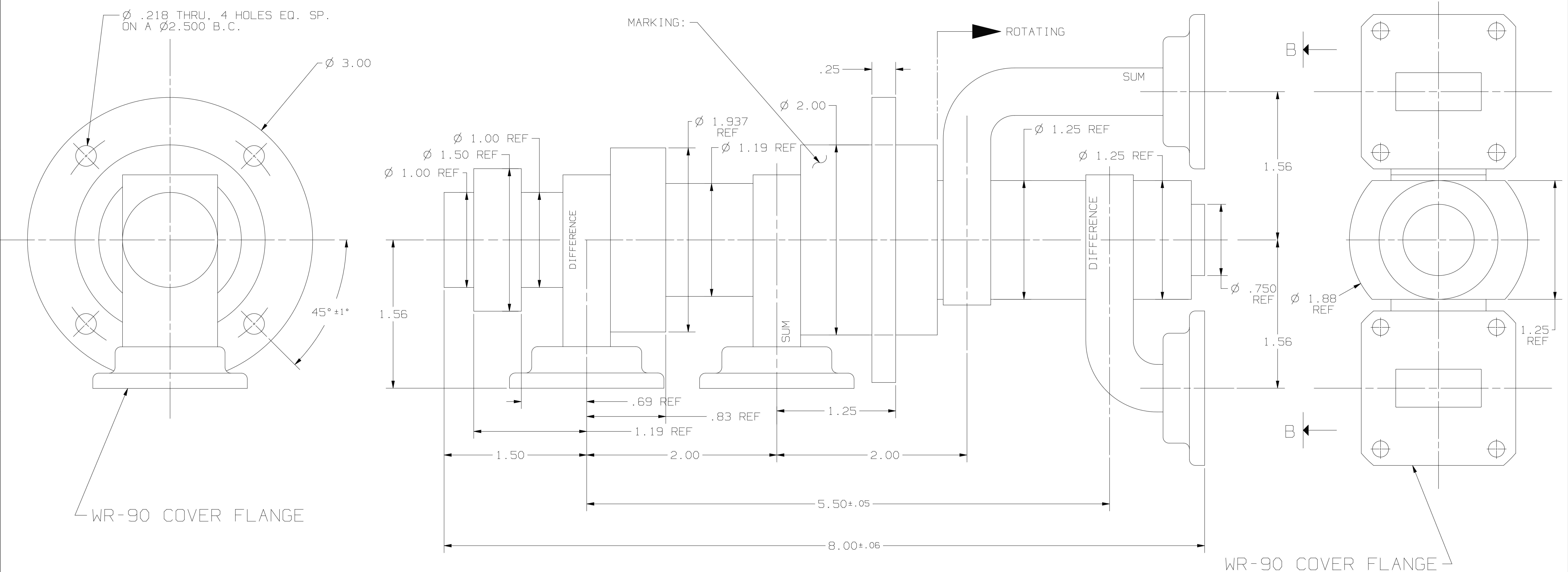
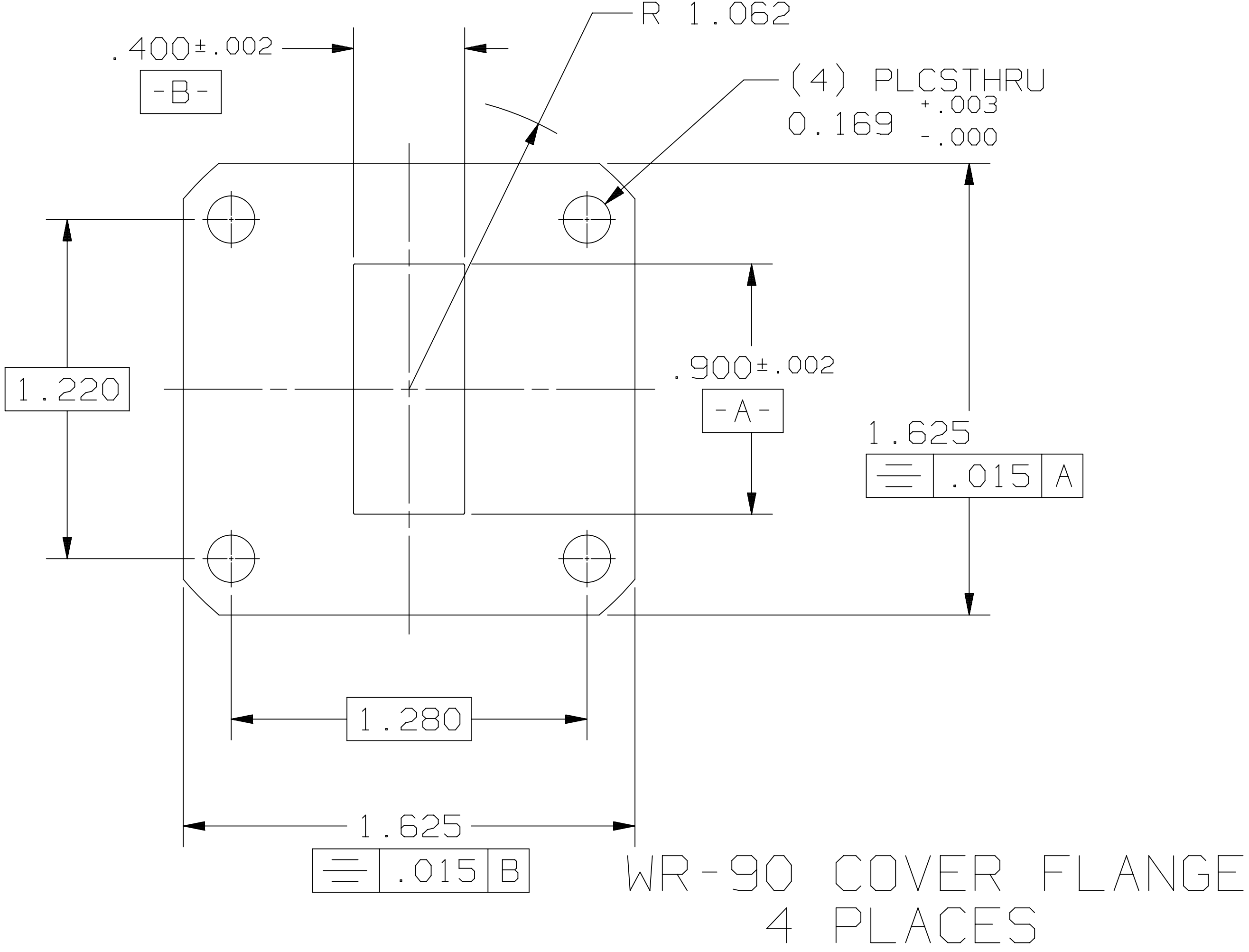


KEVLIN CORPORATION
PROPRIETARY STATEMENT
THE INFORMATION CONTAINED HEREIN IS
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DISCLOSED, COPIED OR USED IN WHOLE OR
IN PART FOR ANY PURPOSE WITHOUT THE
WRITTEN APPROVAL OF KEVLIN CORPORATION.

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	STATOR DIFF. W/G ROTATED 180°.	6/21/07	MC DJ



SPECIFICATIONS		
REQUIREMENTS	CHANNEL 1	CHANNEL 2
	(SUM)	(DIFFERENCE)
FREQUENCY (GHz)	9.385-9.435	9.385-9.435
VSWR, Max.	1.20:1	1.25:1
VSWR-360 degrees Max.	0.05	0.05
INSERTION LOSS (dB, Max.)	0.20	0.35
LOSS WDW 360 degrees Max.	0.05	0.05
PEAK POWER (Kw)	25	25
AVERAGE POWER (w)	20	20
CHANNEL ISOLATION (dB)	----- 50 -----	
PRESSURIZATION (PSIG)	20	
LEAKAGE (cc/min.)	25	
ROTATION SPEED (RPM)	35	
LIFE	5,000 HOURS	
WEIGHT APPROX.	2 LBS	
STARTING TORQUE	50 OZ.IN.	
MATERIAL	ALUM.6061-T6	
FINISH	IRIDITE	



G4		G3	G2	G1	DESCRIPTION		PART NO.	ITEM
QUANTITY		DRAWN		DATE		PARTS LIST		
UNLESS OTHERWISE SPECIFIED		M.CHAPMAN		6/20/07		KEVLIN CORPORATION A COBHAM DEFENSE ELECTRONIC SYSTEMS COMPANY		
DIMENSIONS ARE IN INCHES		CHECKED				596 LOWELL ST. METHUEN, MA 01844		
TOLERANCES		APPROVED MECH.ENG.				OUTLINE DRAWING 2 CH ROTARY JOINT WR 90		
FRACTIONS ±1/64 ANGLES ±1/2°		DECIMALS .XX ± .030 .XXX ± .005		APPROVED ELECT.ENG. D.JEWELL		6/20/07		
MACHINE FINISH 63/		APPROVED O.C.ENG.						
DO NOT SCALE THIS DRAWING		REMOVE ALL BURRS & SHARP EDGES .010 MAX						
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS APPLY BEFORE PLATING		MATERIAL						
THIRD ANGLE PROJECTION								
SIZE		CAGE CODE		DRAWING NO.				
D 25634				Q41850				
SCALE		2:1		2204/2MOD		SHEET 1 OF 1		