



SPECIFICATIONS:

POWER RATING: 30 WATTS INTO 1.15:1
: 10 WATTS INTO 1.50:1
: 1 WATT INTO OPEN

WHEN BOLTED TO A SUITABLE HEAT SINK CAPABLE OF
MAINTAINING A CASE TEMPERATURE OF 100°C MAX.

FREQUENCY RANGE: 800 MHz TO 2.4 GHz

INSERTION LOSS: < 0.5 dB (ABOVE 3dB SPLIT)

ISOLATION: > 20dB MIN. (J2 TO J3)

VSWR: 1.25:1 MAX

MATCHING: < 2 DEGREE PHASE (TYP. 0.5 DEG)

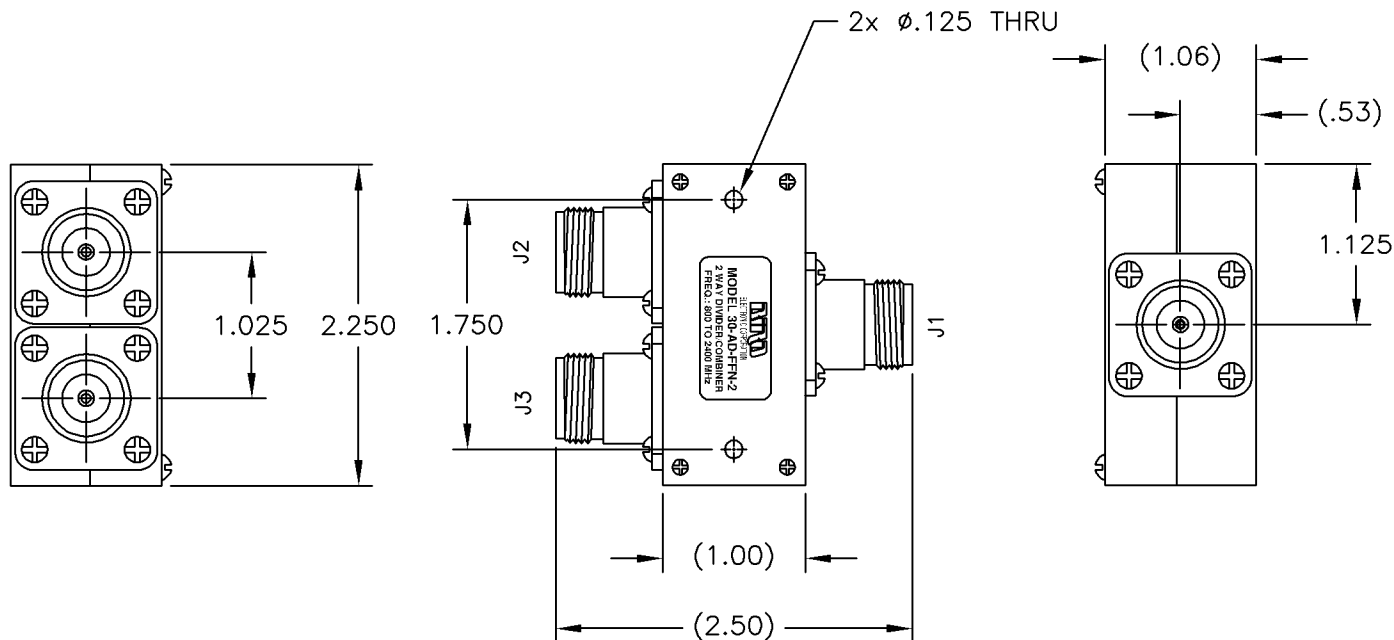
< 0.5dB AMPLITUDE

CONNECTORS: N-TYPE FEMALE (BRASS, TRI-ALLOY PLATED)

HOUSING: ALUMINUM, YELLOW IRIDITE

ECO 12420
4-18-05

REVISIONS			DWG. NO.	30-AD-FFN-2	SHEET	REV
ZONE	REV	DESCRIPTION	DATE	APPROVED		
	A	RELEASED TO PRODUCTION	3-14-00			
	B	??????	?????			



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:

FRACTIONS DECIMALS ANGLES
 $\pm 1/64$.XX = $\pm .010$ $\pm 30'$
.XXX = $\pm .005$

MILLIMETERS

.X = $\pm .4$
.XX = $\pm .12$

DO NOT SCALE DRAWING

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BIRD

Electronic Corporation

Cleveland (Solon) Ohio USA

MATERIAL	APPROVALS		DATE		DIVIDER/COMBINER, 2-WAY W/N-TYPE FEMALE, 800 MHz TO 2.4 GHz				
	DRAWN D.M.RINK		5-28-03						
FINISH	CHECKED				SIZE	FSCM NO.	DWG. NO.	REV	
	APPROVED				A	70998	30-AD-FFN-2	B	
			AUTOCAD		SCALE	1:1	COMM CODE	BC3	SHEET