

**Approved
Mark-Up**
Approvals Retained in
Tech Docs

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

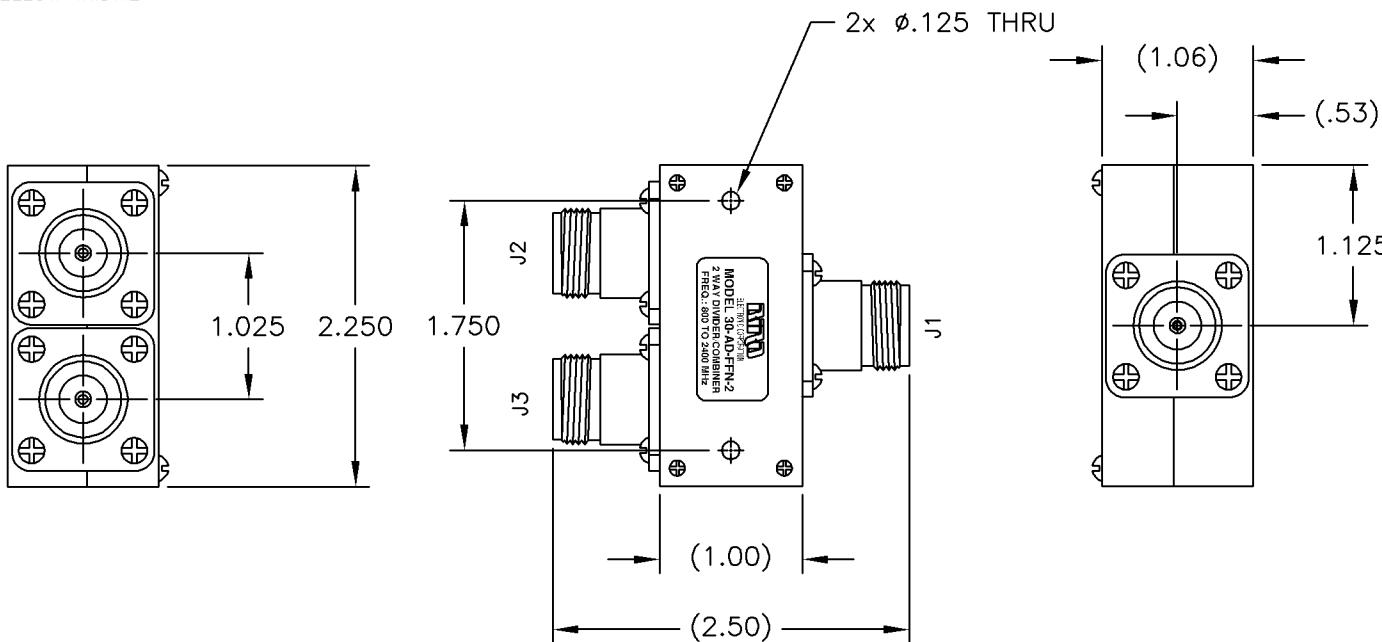
CONNECTORS: N-TYPE FEMALE (BRASS, TRI-ALLOY PLATED)

HOUSING: ALUMINUM, YELLOW IRIDITE

ECO 12420

4-18-05

REVISIONS		DWG. NO.	30-AD-FFN-2	SHEET 1	REV B
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
 $\pm 1/64$ $\pm .010$ $\pm 30'$
 $\pm .005$ $\pm .005$

DO NOT SCALE DRAWING

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

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BIRD

Electronic Corporation
Cleveland (Solon) Ohio USA

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