

**SPECIFICATIONS:**

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

FREQUENCY RANGE: 800 MHz TO 3.5 GHz

INSERTION LOSS: < 0.6dB

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

INPUT VSWR: 1.20:1 MAX

OUTPUT VSWR: 1.15:1 MAX

MATCHING: < 3 DEGREE PHASE (TYP. 0.5 DEG)

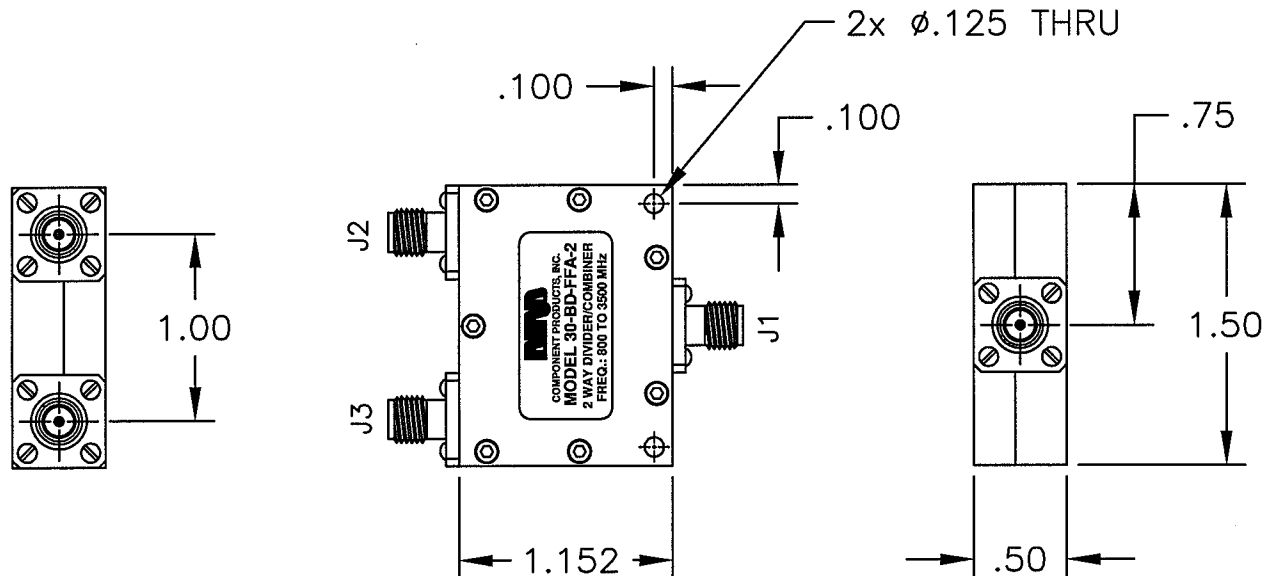
< 0.3dB AMPLITUDE

CONNECTORS: SMA FEMALES (BRASS, GOLD PLATED)

HOUSING: ALUMINUM

FINISH: YELLOW IRIDITE

REVISIONS		DWG. NO.	30-BD-FFA-2	SHEET	REV
				1	A
ZONE	REV	DESCRIPTION	DATE	APPROVED	
	A	CONVERT TO BEC FORMAT	DMR	5-29-03	MARU



UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE:

MILLIMETERS

.X = ±.4  
 .XX = ±.12

FRACTIONS DECIMALS ANGLES  
 ± 1/64 .XX = ±.010 ± 30'  
 .XXX = ±.005

DO NOT SCALE DRAWING

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**BIRD** Electronic Corporation  
 Cleveland (Solon) Ohio USA

MATERIAL	APPROVALS	DATE	TITLE		
	DRAWN D.M.RINK	5-29-03	DIVIDER/COMBINER, 2-WAY W/SMA'S, 800 MHz TO 3.5 GHz		
FINISH	CHECKED		SIZE	FSCM NO.	DWG. NO.
	APPROVED MARU	6-6-03	A	70998	30-BD-FFA-2
		AUTOCAD	SCALE	1:1	COMM CODE BC3
			SHEET		1 OF 1
			REV	A	