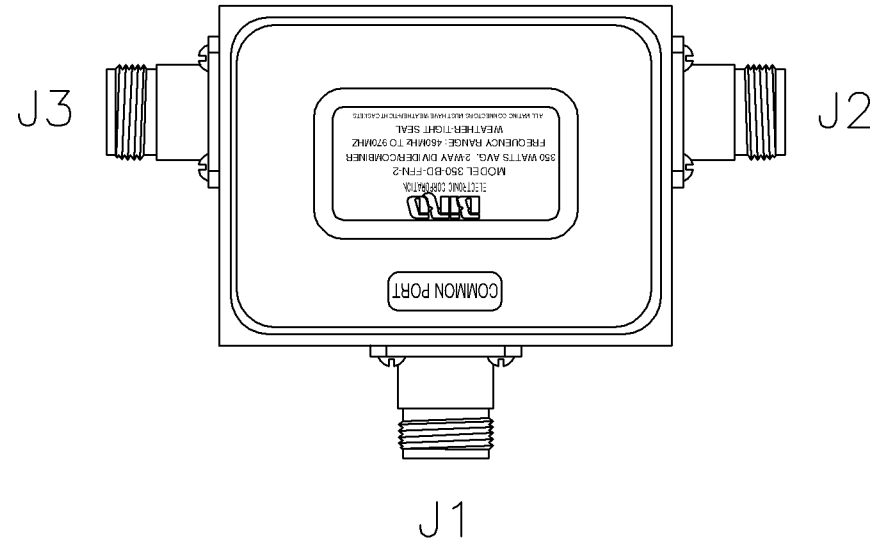
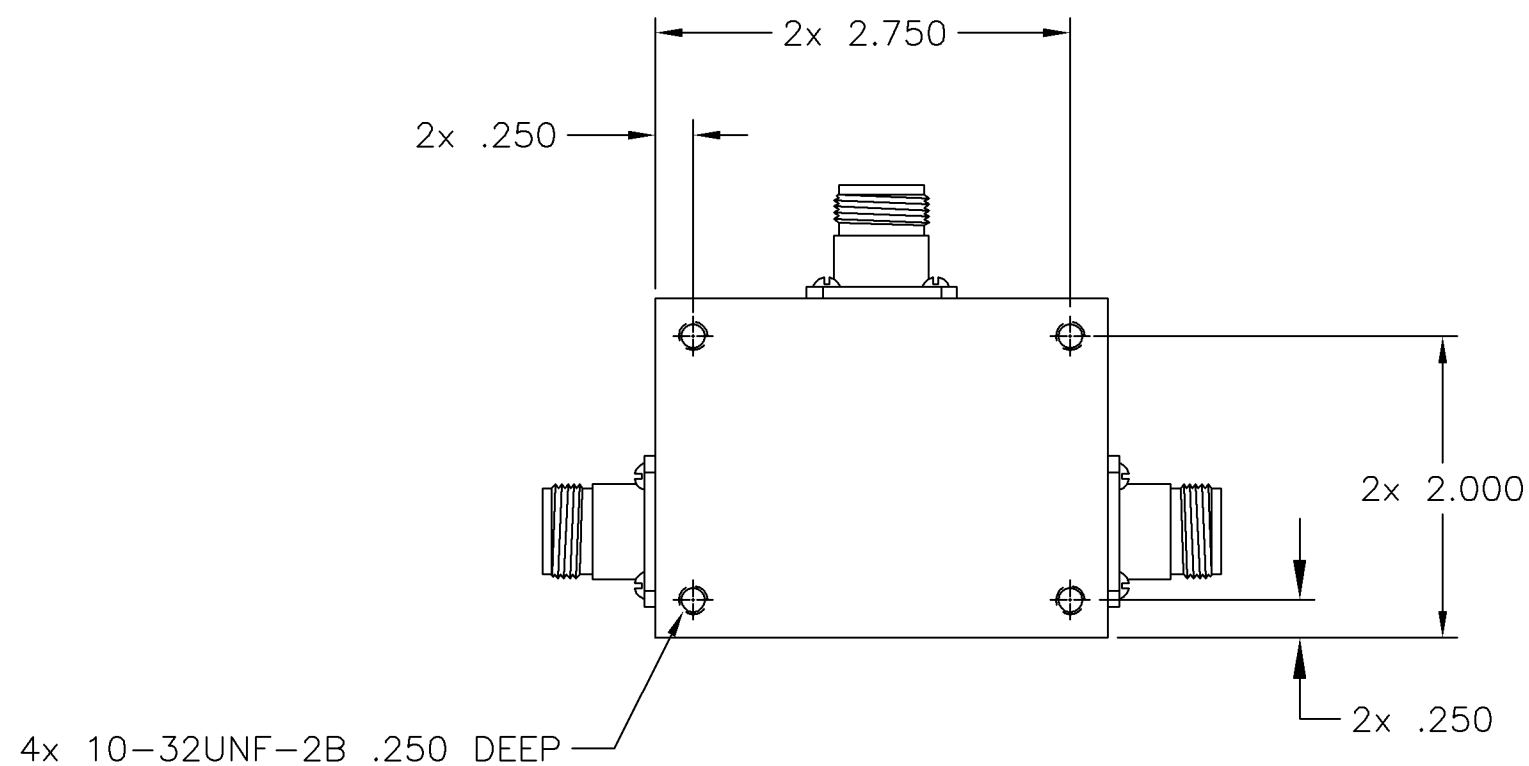
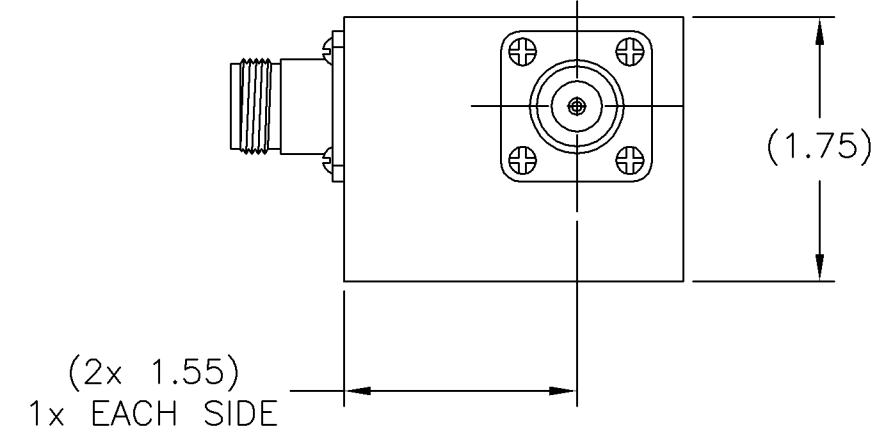
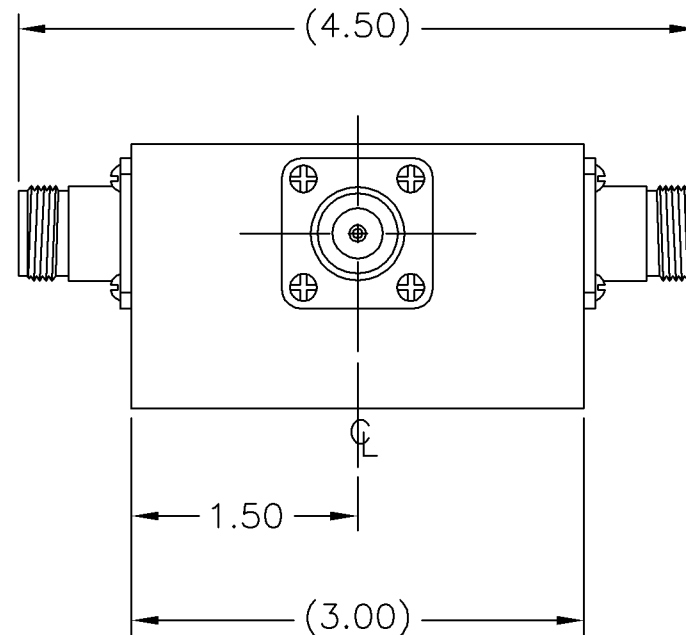
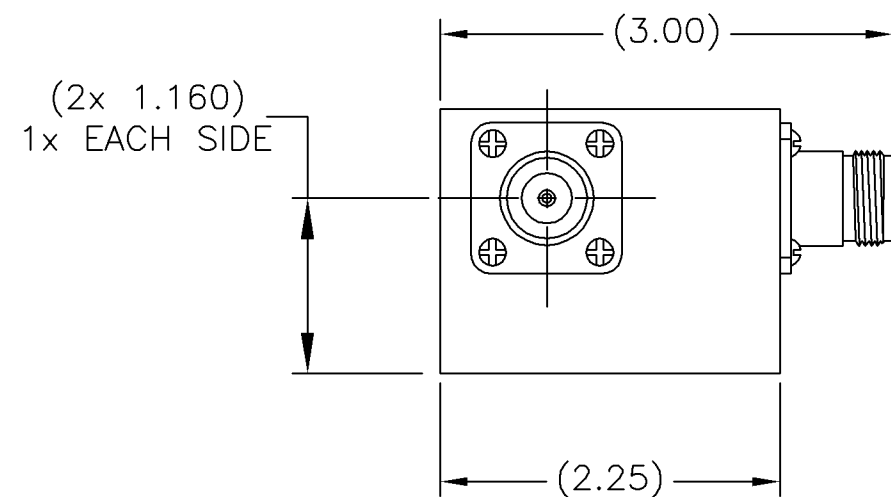


SPECIFICATIONS:
FREQUENCY RANGE: 460 MHz TO 970 MHz
POWER RATING: 350 WATTS INTO MATCHED LOADS
150 WATTS INTO MISMATCH CONDITIONS
VSWR: INPUT (J1) 1.30:1 MAX.
OUTPUT (J2,J3) 1.20:1 MAX.
INSERTION LOSS: <0.4dB TYP., <0.5dB MAX.(ABOVE 3dB SPLIT)
ISOLATION: 20dB MIN.
PHASE BALANCE: 2° MAX.
AMPLITUDE BALANCE: 0.2dB MAX.
MAXIMUM OPERATING TEMPERATURE: 100°C.
CONNECTORS: N-TYPE FEMALE, SILVER OR TRI-ALLOY PLATED (HERMETIC FLANGE)
- ALL MATING CONNECTORS MUST HAVE WEATHER-TIGHT GASKETS
HOUSING: ALUMINUM, NICKEL PLATED (RoHS COMPLIANT)
NOMINAL SIZE: 3.00" L X 4.50" W X 1.75" H.

NOTE: TO ACHIEVE MAXIMUM POWER DISSIPATION
UNDER MISMATCH CONDITIONS IT IS NECESSARY
TO PROVIDE A HEAT SINK THAT MAINTAINS A
CASE TEMPERATURE AT OR BELOW 100°C.



REVISIONS			DWG. NO.	350-BD-FFN-2	SHEET	REV
ZONE	REV	DESCRIPTION	DATE	APPROVED		
	A	CONVERT TO BEC FORMAT/ECO 12461 DMR	5-13-05			
	B	CHANGE FROM TRI-ALLOY TO NICKEL PLATE/ECO 12667 dmr	1-24-06			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1/64 .XX=± .010 .XXX=± .005 ± 30'			MILLIMETERS .X= ± .4 .XX= ± .12			THIS DRAWING IS THE PROPERTY OF THE BIRD ELECTRONIC CORPORATION. THE DESIGNS AND SPECIFICATIONS DISCLOSED HEREON ARE PROPRIETARY AND SHALL NOT BE REPRODUCED, NOR COPIED, NOR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT THEIR EXPRESS WRITTEN CONSENT.		
DO NOT SCALE DRAWING			APPROVALS			DATE		
MATERIAL			DRAWN			D.M.RINK		
FINISH			CHECKED			D. DOWNING		
			APPROVED			D. DOWNING		
						AUTOCAD		
TITLE			DIVIDER/COMBINER, WEATHER TIGHT, 2-WAY N-TYPE FEMALE, 460MHz TO 970MHz					
SIZE			FSCM NO.			DWG. NO.		
C			70998			350-BD-FFN-2		
SCALE			1:1			SHEET		
			COMM CODE			1 OF 1		