
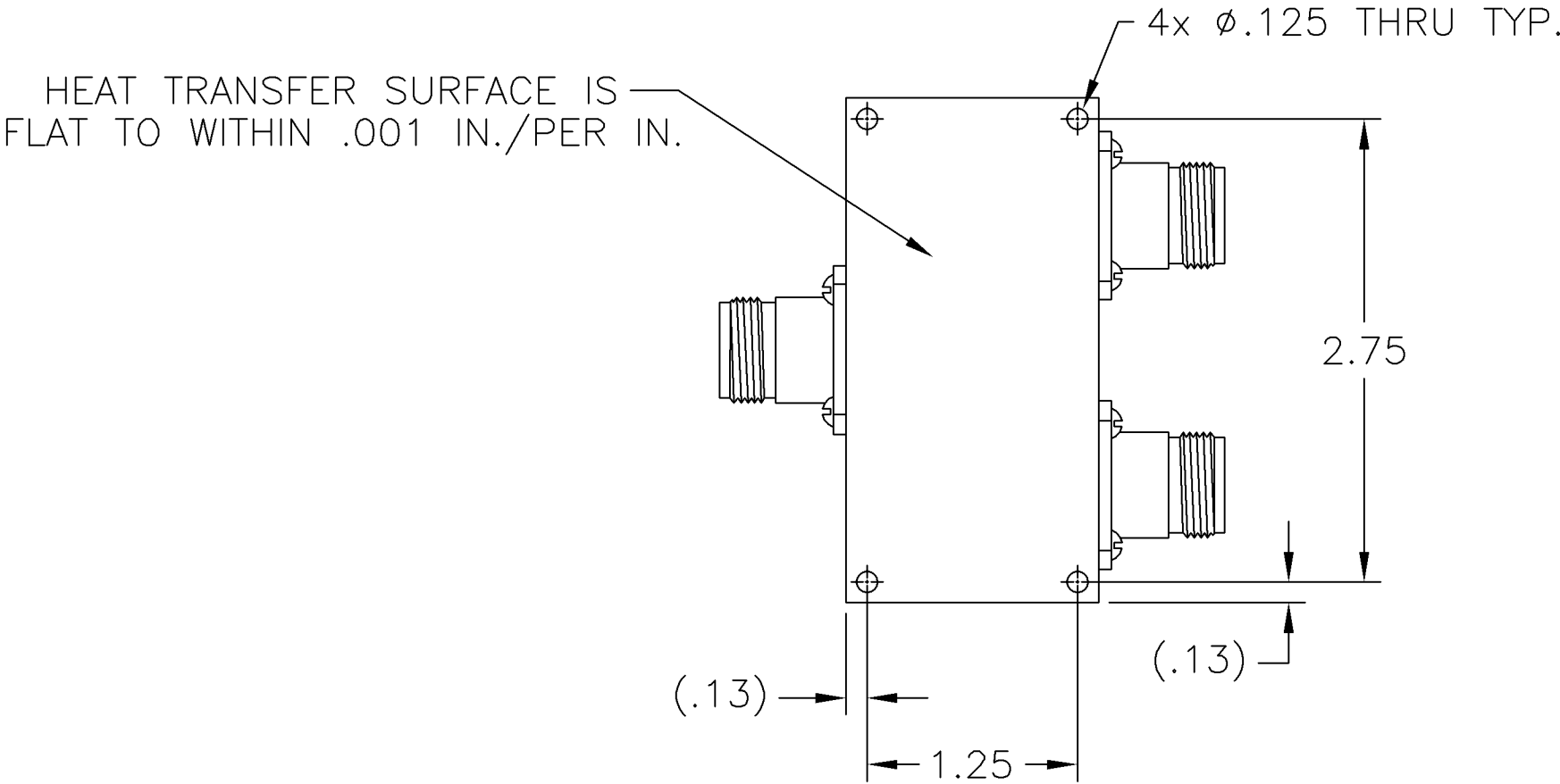
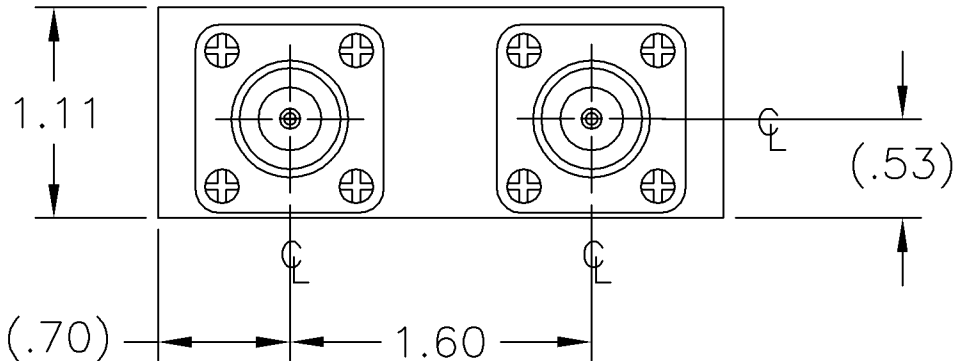
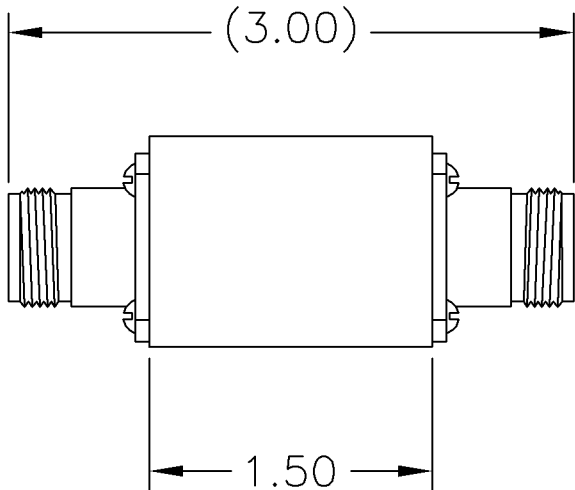
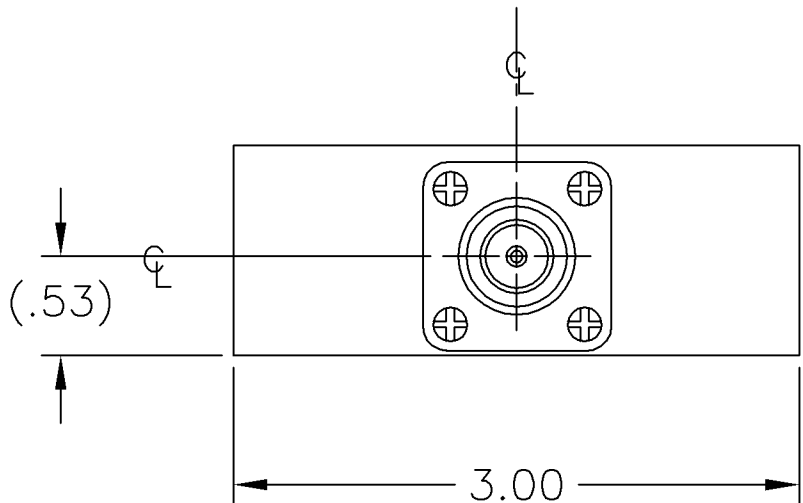
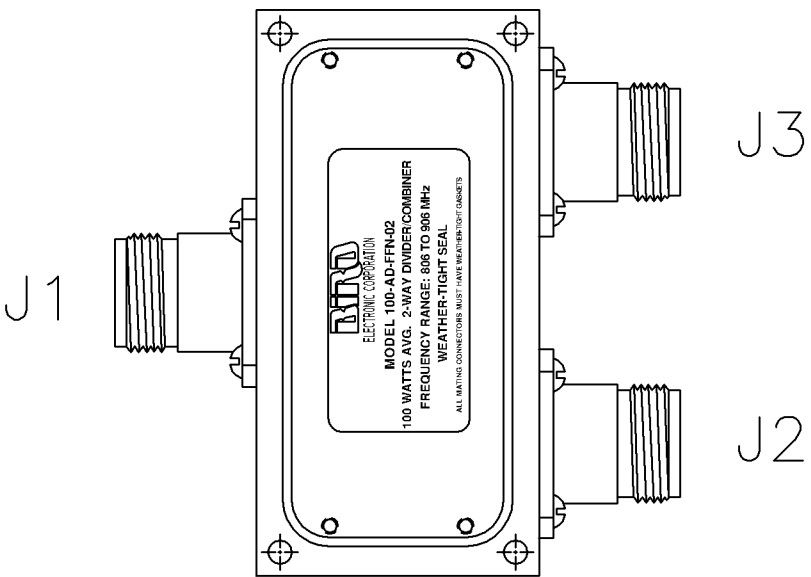




REVISIONS			DWG. NO.	100-AD-FFN-02	SHEET	1	REV	B
ZONE	REV	DESCRIPTION		DATE	APPROVED			
	A	CONVERT TO BEC FORMAT	DMR	2-20-03				
	B	CHANGE FROM TRI-ALLOY TO NICKEL PLATE/ECO 12667 dmr		1-24-06	 DMD			

SPECIFICATIONS:
POWER RATING: 100 WATTS CW
- WHEN MOUNTED TO A HEAT SINK
CAPABLE OF MAINTAINING THE CASE
TEMPERATURE AT OR BELOW 100°C
FREQUENCY RANGE: 806 TO 906 MHz
INSERTION LOSS: < 3.25 dB MAX.
ISOLATION: 20 dB MIN. (J2 TO J3)
VSWR: 1.20:1 MAX. (ALL PORTS)
MATCHING: < 1° PHASE (TYPICALLY 0.2)
< 0.1 dB AMPLITUDE (TYPICALLY 0.05 dB)
CONNECTORS: N-TYPE FEMALE, HERMETICALLY SEALED FLANGE
ENVIRONMENTAL: WEATHER TIGHT SEAL
ALL MATING CONNECTORS MUST HAVE WEATHER-TIGHT GASKETS.
HOUSING: ALUMINUM, NICKEL PLATED (RoHS COMPLIANT)
NOMINAL SIZE: APPROX. 1.115" H x 3.00" W x 3.00" D



DIMENSIONS HEREON ARE FOR CUSTOMER
CONVENIENCE AND REFERENCE ONLY.
TOLERANCE TO BE APPLIED ONLY WHERE
INDIVIDUALLY STATED ON THE RESPECTIVE
DIMENSION. -DO NOT SCALE DRAWING-

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1/64 .XX = ± .010 ± 30° .XXX = ± .005			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.				  BIRD Electronic Corporation Cleveland (Solon) Ohio USA					
DO NOT SCALE DRAWING					APPROVALS		DATE		TITLE WEATHER-TIGHT SEALED DIVIDER/COMBINER 2-WAY, N-TYPE FEMALE, 806 TO 906MHZ					
MATERIAL					DRAWN D.M.RINK		2-20-03							
FINISH					CHECKED D. DOWNING		2-4-05		SIZE FSCM NO.		DWG. NO.		REV	
					APPROVED D. DOWNING		2-4-05		C 70998		100-AD-FFN-02		B	
							AUTOCAD		SCALE 1:1		COMM CODE BC3		SHEET 1 OF 1	