



## 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: &lt;0.4dB TYP., &lt;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, TRI-ALLOY PLATED

NOMINAL SIZE: APPROX. 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.

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE  
 .XX = +/- .015  
 .XXX = +/- .005

SCALE  
 DIM. ARE IN INCHES

APPROVED

DATE 3-5-82

## BIRD COMPONENT PRODUCTS INC.

## DESCRIPTION

WEATHER TIGHT 2 WAY WILKINSON DIVIDER/COMBINER, 460MHz TO 970MHz, N-TYPE FEMALE

## DWC. BY

DMD

## DATE

10-24-00

## PART NUMBER

350-BD-FFN-2

## REV.