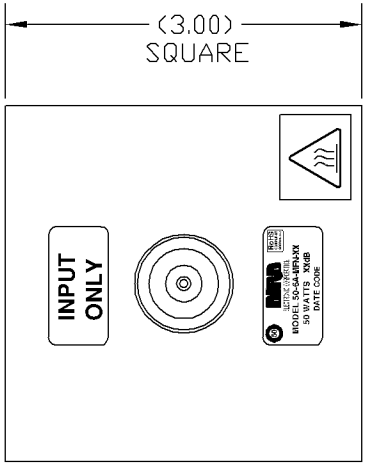
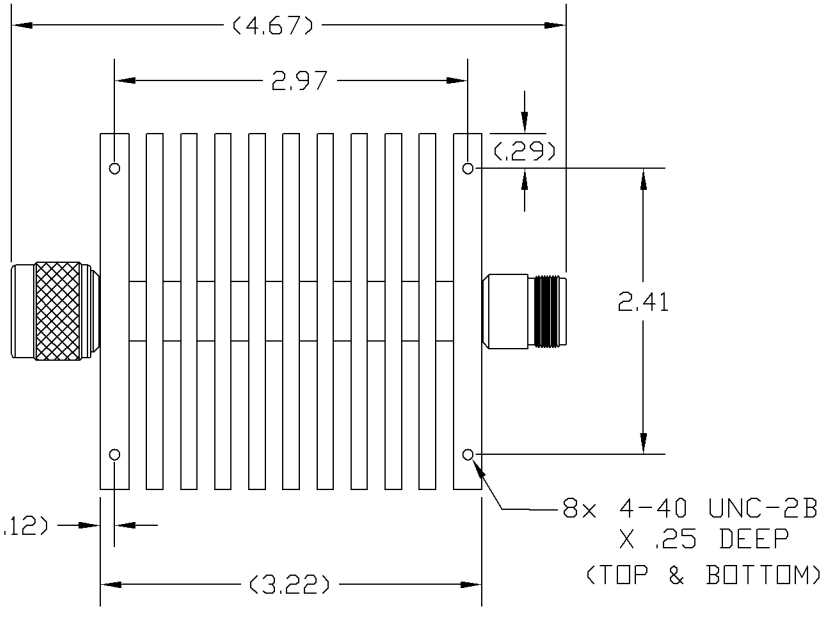
DWG. NO.	SHEET	REV
50-6A-MFN-XX	1	A

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	RELEASED TO PRODUCTION	3-5-09	

SPECIFICATIONS:
IMPEDANCE: 50 OHMS NOMINAL
POWER RATING: 50 WATTS CW (UNI-DIRECTIONAL)
- DERATED LINEARLY TO 10 WATTS AT 125° C
PEAK POWER: 500 WATTS
FREQUENCY RANGE: DC TO 6GHz
VSWR: 1.20:1 MAX.
ATTENUATION VALUES/ACCURACY: SEE TABLE
OPERATING POSITION: ANY
OPERATING TEMPERATURE RANGE: -65°C TO +125°C
CONNECTORS: N-TYPE MALE/FEMALE (PSS)
HOUSING: ALUMINUM, BLACK ANODIZED
NOMINAL SIZE: 3.00" SQ. X 4.67" LONG
WEIGHT: APPROX. 1.66 LBS





NOTE:
FOR VALUES NOT LISTED, REFER TO THE NEXT HIGHER ATTENUATION LEVEL FOR SPECIFICATIONS. FOR ATTENUATION VALUES GREATER THAN THE HIGHEST LISTED ATTENUATION VALUE, REFER TO THE VALUE 1/2 THE DESIRED ATTENUATION LEVEL, THEN DOUBLE THE LISTED SPECIFICATION VALUES, UNLESS OTHERWISE SPECIFIED.

XX = DASH NUMBER (dB VALUE)

DASH NO.	dB ATTEN. VALUE	DC - 6GHz ATTENUATION ACCURACY ±dB
-40	40	±1.00 dB
-30	30	±0.75 dB
-20	20	±0.75 dB
-10	10	±0.75 dB
-06	6	±0.75 dB
-03	3	±0.75 dB

DIMENSIONS HEREIN 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 ±1/64 DECIMALS .XX= ±.010 .XXX= ±.005
ANGLES ±30' MILLIMETERS .X= ±.4 .XX= ±.12
DO NOT SCALE DRAWING

THIS DRAWING IS THE PROPERTY OF THE BIRD TECHNOLOGIES GROUP OR BIRD ELECTRONIC CORPORATION. THE DESIGNS AND SPECIFICATIONS DISCLOSED HEREIN 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.

APPROVALS		DATE
DRN	DMD	3-5-09
CHK		
APP		
MATERIAL	CODE	
FINISH	CODE	

BIRD TECHNOLOGIES GROUP ELECTRONIC CORPORATION

TITLE: ATTENUATOR, CONVECTION COOLED, N-TYPE MALE/FEMALE, DC TO 6GHz, 50W

B	FSCM NO. 70998	SCALE 1:1	DWG. NO. 50-6A-MFN-XX	REV A

PROJ./LIB AUTOCAD | COMM CODE AT1 | SHEET 1 OF 1