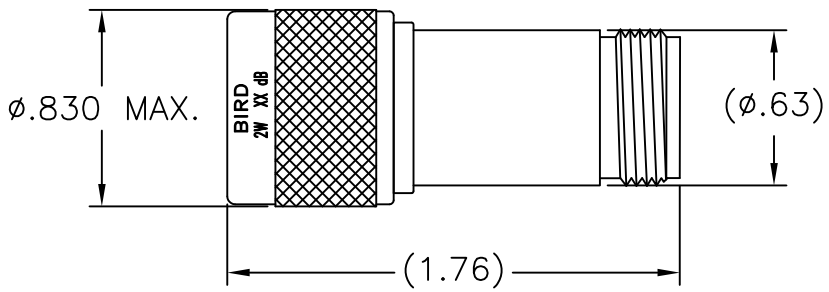
REVISIONS		DWG. NO. 2–6A–MFN–XX	SHEET 1	REV B
REV	DESCRIPTION		DATE	APPROVED
A	RELEASED TO PRODUCTION dmr		9–22–06	
B	REVISE PEAK POWER SPEC WAS 250 WATTS, ADD NOTE, UPDATE TABLE & PICTORIAL ECO: 15490/HS		7–8–14	DMD

SPECIFICATIONS:
NOMINAL IMPEDANCE: 50 OHMS
FREQUENCY RANGE: DC TO 6 GHz
AVERAGE POWER RATING: 2 WATTS AT 25°C.
(DERATED LINEARLY TO 1 WATT AT +125°C)
PEAK POWER: 500 WATTS MAX.
(5uSec PULSE, 0.25% DUTY CYCLE)
VSWR: 1.25:1 MAX.
OPERATING TEMPERATURE: −65°C TO +125°C.
CONNECTORS: N–TYPE MALE/FEMALE
MATERIALS:
COUPLING NUT: PASSIVATED STAINLESS STEEL
BODY: PASSIVATED STAINLESS STEEL
CONTACTS: BERYLLIUM COPPER, GOLD PLATED OVER NICKEL
RESISTIVE ELEMENT: THIN FILM ALUMINA (NO BeO)



ELECTRICAL CHARACTERISTICS
XX = DASH NUMBER (dB VALUE)

DASH NO.	dB VALUE	ATTENUATION ACCURACY DC – 6GHz
−30	30	±1.0 dB
−11 THRU −20	11 THRU 20	±0.75 dB
−07 THRU −10	7 THRU 10	±0.5 dB
−01 THRU −06	1 THRU 6	±0.3 dB

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.

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

APPROVALS		DATE
DRN	DMD	9–19–06
CHK	DMD	9–19–06
APP	DMD	9–19–06

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MATERIAL CODE
SEE SPECIFICATIONS
FINISH CODE

Bird Technologies®

TITLE ATTENUATOR, BROAD BAND PRECISION, 6GHz, N–TYPE MALE/FEMALE, 2 WATTS

A	FSCM NO. 70998	SCALE 1:1	DWG. NO. 2–6A–MFN–XX	REV B
PROJ./LIB AUTOCAD			COMM CODE AT1	SHEET 1 OF 1