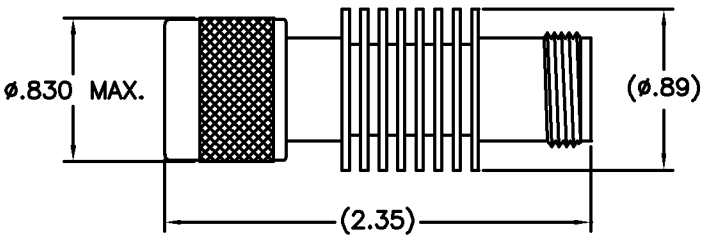
REVISIONS		DWG. NO. 5–6A–MFN–XX	SHEET 1	REV A
REV	DESCRIPTION		DATE	APPROVED
A	RELEASED TO PRODUCTION dmr		9–23–06	DMD

SPECIFICATIONS:
NOMINAL IMPEDANCE: 50 OHMS
FREQUENCY RANGE: DC TO 6GHz
AVERAGE POWER RATING: 5 WATTS AT 25°C.
(DERATED LINEARLY TO 1 WATT AT +125°C)
PEAK POWER: 250 WATTS MAX.
(5uSec PULSE, 0.25% DUTY CYCLE)
VSWR: 1.25:1 MAX.
ATTENUATION ACCURACY: SEE TABLE
OPERATING TEMPERATURE: –65°C TO +125°C.
CONNECTORS: N–TYPE MALE/FEMALE
MATERIALS:
COUPLING NUT: PASSIVATED STAINLESS STEEL
BODY: PASSIVATED STAINLESS STEEL
COOLING FIN: BLACK ANODIZED ALUMINUM
CONTACTS: BERYLLIUM COPPER, GOLD PLATED OVER NICKEL



ELECTRICAL CHARACTERISTICS
XX = DASH NUMBER (dB VALUE)

DASH NO.	dB VALUE	ATTENUATION ACCURACY DC – 6GHz
–21 THRU –30	21 THRU 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

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

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APPROVALS		DATE
DRN	DMD	9–23–06
CHK	DMD	9–23–06
APP	DMD	9–23–06

MATERIAL CODE
SEE SPECIFICATIONS
FINISH CODE

BIRD TECHNOLOGIES GROUP ELECTRONIC CORPORATION

TITLE ATTENUATOR, BROAD BAND PRECISION, 6GHz, N–TYPE MALE/FEMALE, 5 WATTS

A	FSCM NO. 70998	SCALE 1:1	DWG. NO. 5–6A–MFN–XX	REV A
PROJ./LIB AUTOCAD			COMM CODE AT1	SHEET 1 OF 1