

SPECIFICATIONS:

NOMINAL IMPEDANCE: 50 OHMS

FREQUENCY RANGE: DC TO 18GHz

AVERAGE POWER RATING: 10 WATTS AT 25°C.
(DERATED LINEARLY TO 1 WATT AT +125°C)

PEAK POWER: 500 WATTS MAX.
(5uSec PULSE, 0.25% DUTY CYCLE)

VSWR AND ATTENUATION ACCURACY: SEE TABLE

OPERATING TEMPERATURE: -65°C TO +125°C.

CONNECTORS: N-TYPE MALE/FEMALE

MATERIALS:

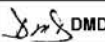
COUPLING NUT: PASSIVATED STAINLESS STEEL

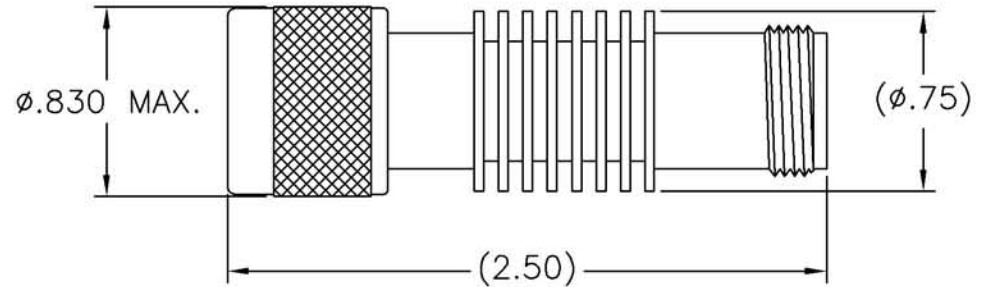
BODY: PASSIVATED STAINLESS STEEL

COOLING FIN: BLACK ANODIZED ALUMINUM

CONTACTS: BERYLLIUM COPPER, GOLD PLATED OVER NICKEL


RESISTIVE ELEMENT: THIN FILM ALUMINA (NO BeO)

REVISIONS		DWG. NO. 10-18A-MFN-XX	SHEET 1	REV B
REV	DESCRIPTION	DATE	APPROVED	
A	RELEASED TO PRODUCTION	3-6-06		
B	DUTY CYCLE WAS 0.05% ECN12712	3-14-06	 DMD	



ELECTRICAL CHARACTERISTICS
XX = DASH NUMBER (dB VALUE)

-30	30	±1.25 dB	1.20	1.30	1.45
-20	20	±1.00 dB			
-10	10	±0.75 dB			
-06	6	±0.5 dB			
-03	3	±0.5 dB			
DASH NO.	dB VALUE	ATTENUATION ACCURACY DC - 18GHz	DC-4 GHz	4-12.4 GHz	12.4-18 GHz
			VSWR MAX.		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS ±1/64 DECIMALS .XX= ±0.010 .XXX= ±0.005 ANGLES ±30' MILLIMETERS .X= ±.4 .XX= ±.12 DO NOT SCALE DRAWING		APPROVALS	DATE	 BIRD TECHNOLOGIES GROUP ELECTRONIC CORPORATION			
THIS DRAWING IS THE PROPERTY OF THE BIRD TECHNOLOGIES GROUP OR 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.		DRN	DMD				3-6-06
		CHK	DMD				3-6-06
		APP	DMD	3-6-06			
MATERIAL		CODE	TITLE	ATTENUATOR, BROADBAND PRECISION, 18GHz N-TYPE MALE/FEMALE, 10W			
SEE SPECIFICATIONS			A	FSCM NO. 70998	SCALE 1:1	DWG. NO. 10-18A-MFN-XX	REV B
FINISH		CODE	PROJ./LIB	AUTOCAD	COMM CODE	AT1	SHEET 1 OF 1