

SPECIFICATIONS:

NOMINAL IMPEDANCE: 50 OHMS

FREQUENCY RANGE: DC TO 18GHz

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 AND ATTENUATION ACCURACY: SEE TABLE

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

CONNECTORS: N-TYPE MALE/FEMALE

MATERIALS:

COUPLING NUT: PASSIVATED STAINLESS STEEL

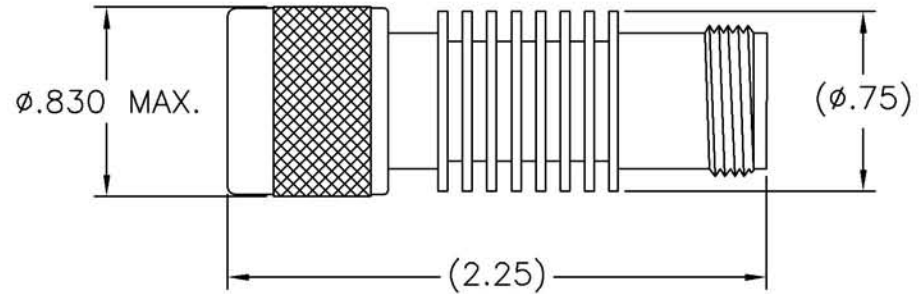
BODY: PASSIVATED STAINLESS STEEL

COOLING FIN: BLACK ANODIZED ALUMINUM

CONTACTS: BERYLLIUM COPPER, GOLD PLATED OVER NICKEL

RESISTIVE ELEMENT: THIN FILM ALUMINA (NO BeO)

REVISIONS		DWG. NO.	SHEET	REV
		5-18A-MFN-XX	1	?
REV	DESCRIPTION	DATE	APPROVED	
A	RELEASED TO PRODUCTION	3-6-06		
B	DUTY CYCLE WAS 0.05% ECN12712	3-14-06	DMD	



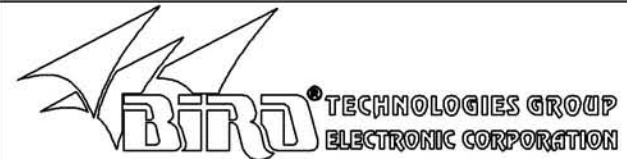
ELECTRICAL CHARACTERISTICS
XX = DASH NUMBER (dB VALUE)

-30	30	±1.00 dB	1.15	1.25	1.35
-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 = ±0.10
 XXX = ±0.005
ANGLES ±30' MILLIMETERS .X = ±.4
 .XX = ±.12
DO NOT SCALE DRAWING

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APPROVALS		DATE
DRN	DMD	3-4-06
CHK	DMD	3-4-06
APP	DMD	3-4-06
MATERIAL	CODE	
SEE SPECIFICATIONS		
FINISH	CODE	



TITLE				
ATTENUATOR, BROADBAND PRECISION, 18GHz N-TYPE MALE/FEMALE, 5W				
A	FSCM NO.	SCALE	DWG. NO.	REV
	70998	1:1	5-18A-MFN-XX	B
PROJ./LIB	COMM CODE	SHEET		
AUTOCAD	AT1	1 OF 1		