

NOMINAL IMPEDANCE: 50 OHMS FREQUENCY RANGE: DC TO 18GHz

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 AND ATTENUATION ACCURACY: SEE TABLE OPERATING TEMPERATURE: -65°C TO +125°C.

CONNECTOR: SMA MALE/FEMALE

MATERIALS:

COUPLING NUT: PASSIVATED STAINLESS STEEL

BODY: PASSIVATED STAINLESS STEEL

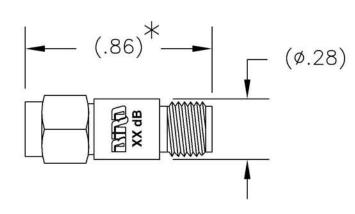
CONTACTS: BERYLLIUM COPPER, GOLD PLATED OVER NICKEL

RESISTIVE ELEMENT: THIN FILM ALUMINA (NO BeO)

## **ELECTRICAL CHARACTERISTICS** XX = DASH NUMBER (dB VALUE)

-30	30	±0.75 dB	1.15	1.25	1.35
-10 & -20	10 & 20	±0.5 dB			
-03 & -06	3 & 6	±0.3 dB			
DASH NO.	dB VALUE	ATTENUATION ACCURACY	GHz	4-12.4 GHz	12.4-18 GHz
		DC - 18GHz	1	VSWR MAX	⟨.

REVISIONS		DWG. NO. 2-18A-MFA-XX		SHEET 1	REV B
REV	DESCRIPTION		DATE	APPR	OVED
Α	RELEASED TO PRODUCTI	ON	3-6-06		
В	DUTY CYCLE WAS 0.05%	ECN12712	3-14-06	Int	SDMD



\* ADD .16 TO OVERALL LENGTH FOR 13 dB - 30 dB

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		1	APPROVALS	DATE
		DRN	DMD	3-3-06
FRACTIONS ±1/64 ANGLES ±30'	DECIMALS .XX= ±.010 .XXX= ±.005 MILLIMETERS .X= ±.4	СНК	DMD	3-3-06
	.XX= ±.12 T SCALE DRAWING	APP	DMD	3-3-06
TECHNOLOGIES GROUP	PROPERTY OF THE BIRD OR BIRD ELECTRONIC CORP— ND SPECIFICATIONS DISCLOSED	MATER	-	ATIONS

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CODE



ATTENUATOR, BROADBAND PRECISION 18GHz SMA MALE/FEMALE, 2W

			30 B (1) :						
A	FSCM NO.	SCALE	DWG. NO.	REV					
	70998		2-18A-MFA-XX	В					
PROJ./I	AUTO(	CAD	COMM CODE AT1 SHEET 1 OF	1					

