

**SPECIFICATIONS:**

NOMINAL IMPEDANCE: 50 OHMS  
 FREQUENCY RANGE: DC TO 6GHZ  
 AVERAGE POWER RATING: 10 WATTS AT 25°C.  
 (DERATED LINEARLY TO 0W AT +125°C)

PEAK POWER: 500 WATTS MAX.  
 (10uSec PULSE, 1% DUTY CYCLE)

VSWR AND ATTENUATION ACCURACY: SEE TABLE

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

CONNECTOR: SMA MALE/FEMALE

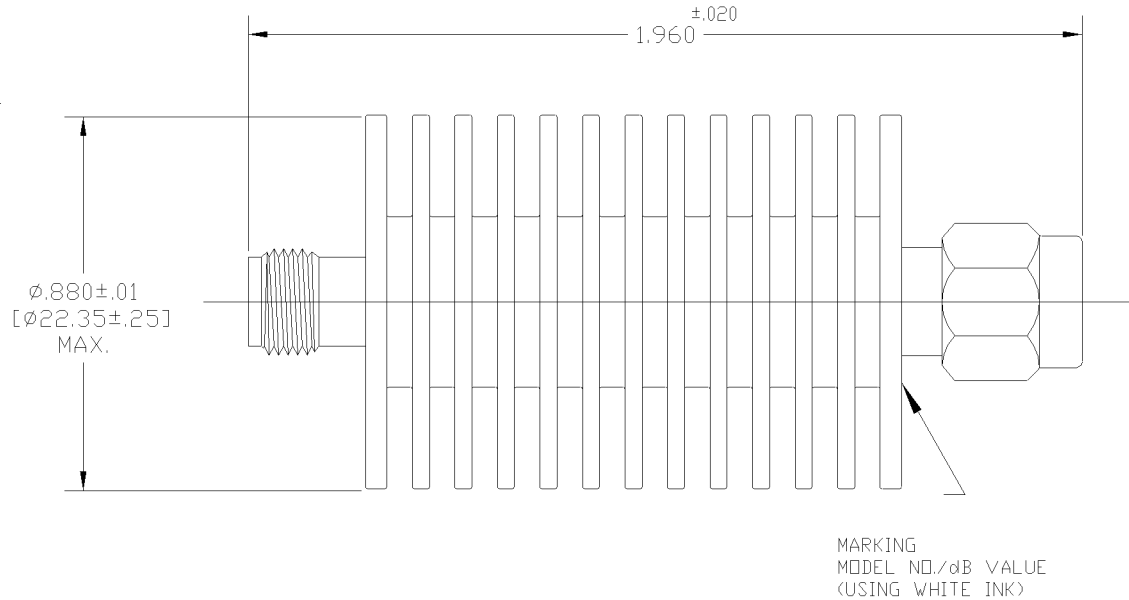
**MATERIALS:**

HOUSING: ALUMINUM (BLACK ANODIZED)  
 COUPLING NUT: PASSIVATED STAINLESS STEEL  
 BODY: PASSIVATED STAINLESS STEEL  
 CONTACTS: BERYLLIUM COPPER, GOLD PLATED OVER NICKEL  
 RESISTIVE ELEMENT: THIN FILM ON AIN CERAMIC (ND BeO)

**ELECTRICAL CHARACTERISTICS**

XX = DASH NUMBER (dB VALUE)

-30	30	±1.50 dB	1.20	1.30
-20	20	±1.00 dB	1.20	1.30
-10	10	±0.75 dB	1.20	1.30
-06	6	±0.5 dB	1.20	1.30
-03	3	±0.5 dB	1.20	1.30
DASH NO.	dB VALUE	ATTENUATION ACCURACY DC - 6GHz	DC-4 GHZ VSWR MAX.	4-6 GHZ VSWR MAX.



REVISIONS		DWG. NO.	SHEET	REV
		10-6A-MFA-XX	1	A
REV	DESCRIPTION	DATE	APPROVED	
A	RELEASED TO PRODUCTION	4-12-08		

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					4-12-08
	CHK						
	APP						
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	SEE SPECIFICATIONS		A FSCM NO. 70998      SCALE 1:1      DWG. NO. 10-6A-MFA-XX      REV A				
	FINISH	CODE	PROJ./LIB AUTOCAD		COMM CODE AT1      SHEET 1 OF 1		