

DWG NO. 50-A-FFA-XX  
 SHEET 1  
 REV A

**SPECIFICATIONS:**

POWER RATING: 50 W MAX. @ 40°C.  
 60 W MAX. @ 25°C.

**FREQUENCY RANGE & VSWR:**

DC TO 1GHz AT 1.10:1 MAX.  
 1GHz TO 2.4GHz AT 1.25:1 MAX.

IMPEDANCE: 50 OHMS, NOMINAL

AMBIENT TEMPERATURE RANGE: -40°C TO +40°C

CONNECTORS: SMA FEMALE, STAINLESS STEEL

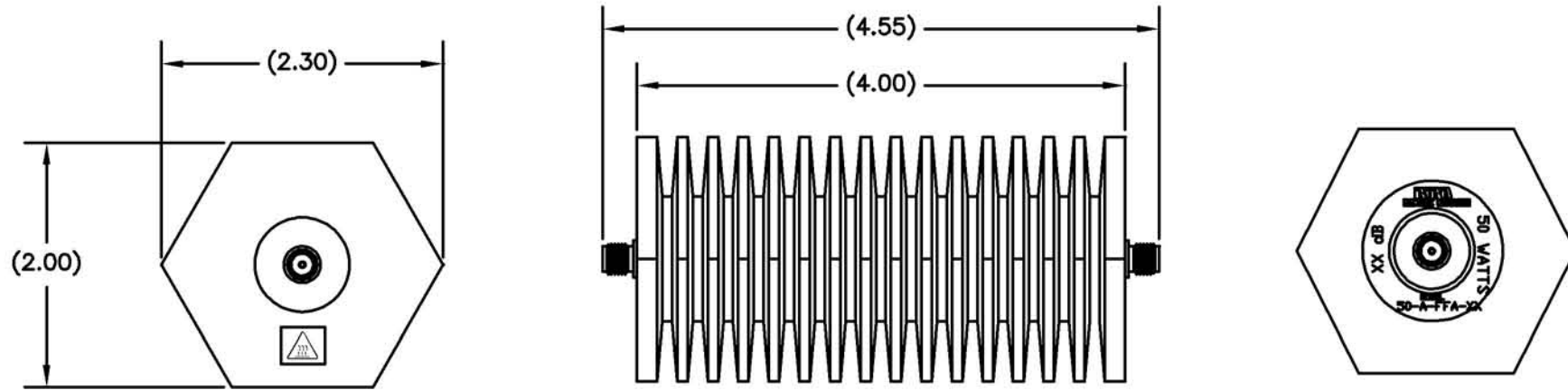
OPERATING POSITION: ANY (CONVECTION COOLED)

FINISH: BLACK ANODIZED

NOMINAL SIZE: APPROX. 4.55" L X 2.30"

WEIGHT: APPROX. 1.0 LBS

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	NEW DRAWING RELEASE/DMD dmr	2-8-06	<i>[Signature]</i> DMD



**NOTE:**

FOR VALUES NOT LISTED, REFER TO THE NEXT HIGHER ATTENUATION LEVEL FOR SPECIFICATIONS. FOR ATTENUATION VALUES GREATER THAN THE HIGHEST LISTED ATTENUATION VALUE, REFER TO THE VALUE 1/2 THE DESIRED ATTENUATION LEVEL, THEN DOUBLE THE LISTED SPECIFICATION VALUES, UNLESS OTHERWISE SPECIFIED.

XX = DASH NUMBER (dB VALUE)

-30	30	±0.8 dB	±1.3 dB
-20	20	±0.5 dB	±1.0 dB
-10	10	±0.4 dB	±0.8 dB
-06	6	±0.4 dB	±0.6 dB
-03	3	±0.3 dB	±0.5 dB
-02	2	±0.3 dB	±0.5 dB
-01	1	±0.3 dB	±0.5 dB
DASH NO.	dB ATTEN.	DC - 1GHz ATTENUATOR	1 - 2.4GHz ACCURACY ±dB

DIMENSIONS HEREON ARE FOR CUSTOMER CONVENIENCE AND REFERENCE ONLY. TOLERANCE TO BE APPLIED ONLY WHERE INDIVIDUALLY STATED ON THE RESPECTIVE DIMENSION. -DO NOT SCALE DRAWING-

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:  
 FRACTIONS ±1/64  
 DECIMALS .XX = ±.010 .XXX = ±.005  
 ANGLES ±30'  
 MILLIMETERS  
 X = ±.4  
 YX = ±.12  
 DO NOT SCALE DRAWING

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APPROVALS		DATE	TITLE		
DRAWN	D.M.RINK	2-8-06	ATTENUATOR, CONVECTION COOLED SMA TYPE FEMALE, 50W		
CHECKED	D. DOWNING	2-8-06	SIZE	FSCM NO.	DWG. NO.
APPROVED	D. DOWNING	2-8-06	B	70998	50-A-FFA-XX
AUTOCAD			SCALE	1:1	COMM CODE AT1
			SHEET	1 OF 1	