

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: DC to 4.0 GHz
- 1.2 ATTENUATION VALUES AND ACCURACY
 - 1.2.1 0 dB ±0.3 dB
 - 1.2.2 1 to 10 dB ±0.3 dB
 - 1.2.3 11 to 20 dB ±0.5 dB
 - 1.2.4 21 to 40 dB ±1.0 dB
 - 1.2.5 41 to 60 dB ±1.5 dB

1.3 VSWR: 1.07 + .015f (GHz)

2.0 MAXIMUM INPUT POWER:

2 WATTS AVERAGE AT +25°C DERATED LINEARLY TO 0.5 WATTS AT +125°C

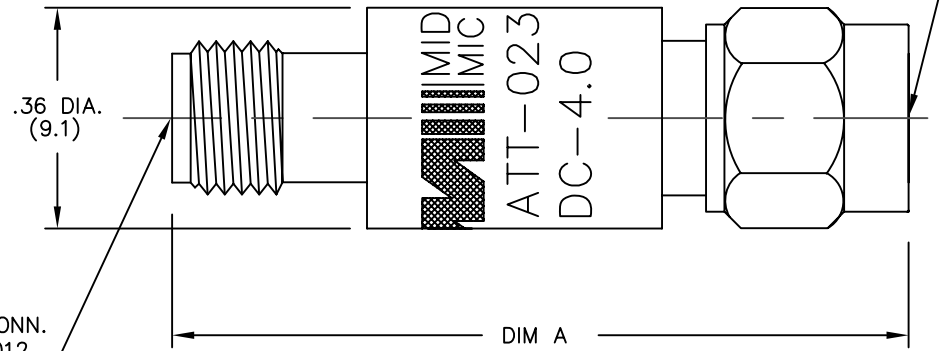
3.0 OPERATING TEMPERATURE RANGE: -65°C TO +125°C

4.0 MARKING: MARK UNIT AS SHOWN (REF.: INK-03804-27-01)

5.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

SMA FEMALE CONN. PER MIL-PRF-39012

SMA MALE CONN. PER MIL-PRF-39012



MODEL NUMBER
ATT-0238-XX-SMA-02

21 to 60 dB	1.49(37.8)
0 to 20 dB	1.20(30.5)
-XX- ATTENUATION VALUE	DIM A

REV.	DESCRIPTION	DATE
-	RELEASED	8/17/90
A	ECR 3656	6/17/85
B	ECR 4003	11/1/85
C	ECR 4689	7/24/86
D	ECR 6545	7/20/89
E	ECR 6933	8/17/90
F	UPDATE MARKING	2/23/91
F1	UPDATE MODEL NO.	8/28/92
G	ECN 20115	10/5/04

WAS DWG. 02332-01-00

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.		CAGE CODE 34078		MIDWEST MICROWAVE	
UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 3 PLACE DECIMALS ±.005 2 PLACE DECIMALS ±.02 FRACTIONS ±1/64 PARALLELITY: T.I.R. _____ FLATNESS: T.I.R. _____ CONCENTRICITY: T.I.R. _____ ANGLES AND PERPENDICULARITY: ±1'				TITLE MINIATURE ATTENUATOR OUTLINE DRAWING	
DRAWN/DATE D. ESTY 8/17/90		ENG./DATE G. KOZAK 2/25/91		DRAWING NUMBER ATT-0238-XX-SMA-02-01	
CHECKED/DATE A. BEATTY 2/23/91		APPROVED/DATE		REV. G	
SCALE: 5=1		SHEET 1 of 1			