

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: DC to 18 GHz
- 1.2 ATTENUATION VALUES: 0 THRU 40dB IN 1dB INCREMENTS (SEE TABLE)
- 1.3 ATTENUATION ACCURACY:
  - 0dB +0.3dB  
-0.0dB
  - 1 - 6dB ±0.3dB
  - 7 - 20dB ±0.5dB
  - 21 - 30dB ±1.0dB
  - 31 - 40dB ±1.5dB

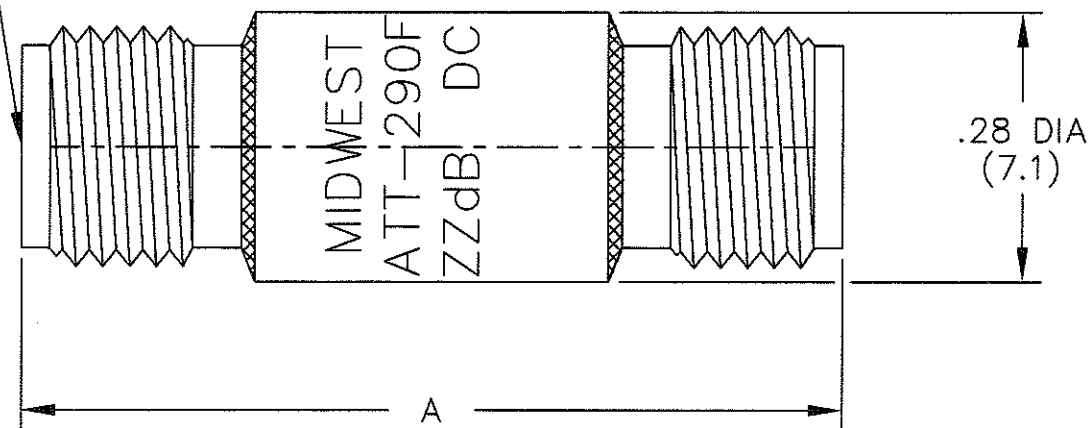
- 1.4 MAXIMUM VSWR: 1.07 + 0.015 f GHz
- 1.5 MAXIMUM INPUT POWER: 2 WATTS AVG AT +25°C DERATED LINEARLY TO 0.5 WATTS AT +125°C
- 1.6 OPERATING TEMP. RANGE: -65°C to +125°C

2.0 MARKING:

- 2.1 MARK UNIT AS SHOWN (REF.: INK-03830-27-XX)

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS,

SMA FEMALE CONN.  
PER MIL-PRF-39012  
TYP (BOTH ENDS)



ATTENUATION VALUE	DIM A
0-12 dB	.90(22.9)
13-30 dB	1.02(26.2)
31-40 dB	1.14(28.9)

MODEL NUMBER  
ATT-290F-XX-SMA-02  
REV.  
E

DWG. # WAS: 02334-01-00

REV.	DESCRIPTION	DATE
-	RELEASED	6/12/91
A	ECR 5605	9/29/87
B	ECR 6545	6/29/89
C	ECN 10578	6/4/91
C1	UPDATE MODEL NO.	9/29/92
C2	ADDED TITLEBLOCK	3/23/05
D	ECN 20526	9/12/05
E	ECN 20950	7/28/06

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'	FSCM NO. <b>34078</b>	<b>MIDWEST MICROWAVE</b>	
	NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave	TITLE  ATTENUATOR	
DRAWN/DATE C.RICKARD 6/4/91	ENG./DATE G.KOZAK 6/12/91	DRAWING NUMBER ATT-290F-XX-SMA-02	
CHECKED/DATE A.BEATTY 6/12/91	APPROVED/DATE	SCALE: 5=1	SHEET 1 of 1