

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

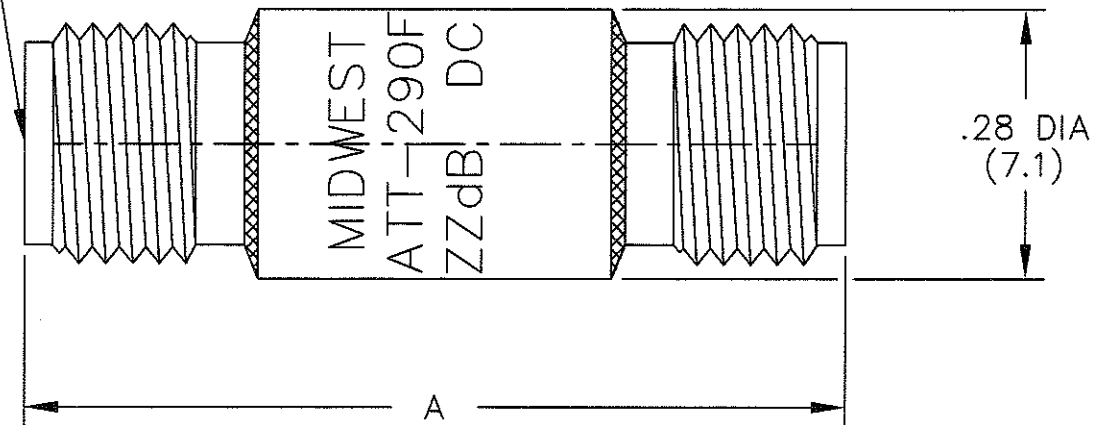
- 1.4 MAXIMUM VSWR: 1.07 + 0.015 f GHz
- 1.5 MAXIMUM INPUT POWER: 2 WATTS AVG AT +25°C DERATED LINEARLY TO 0.5 WATTS AT +125°C
- 1.6 OPERATING TEMP. RANGE: -65°C to +125°C

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. 34078 | MIDWEST MICROWAVE | |
| | 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 |