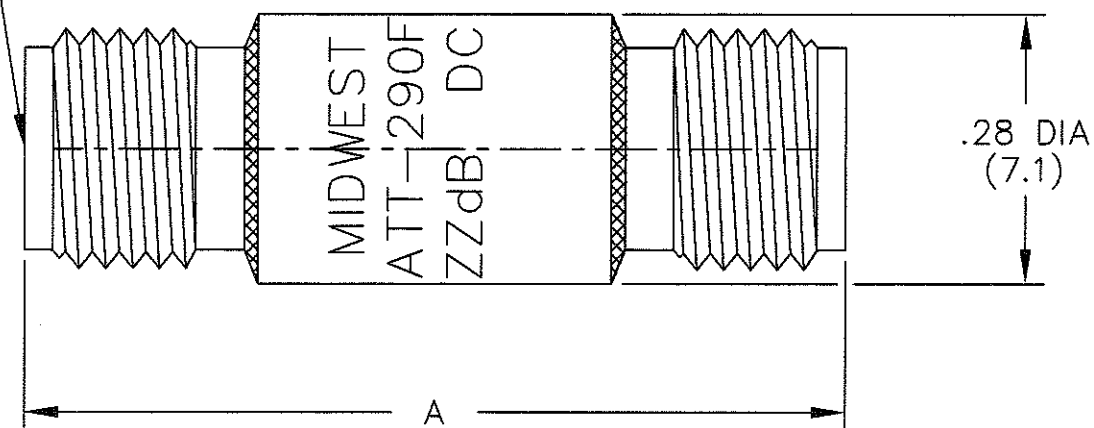


- NOTES:
- 1.0 ELECTRICAL SPECIFICATIONS:
- 1.1 FREQUENCY RANGE: DC to 18 GHz
- 1.2 ATTENUATION VALUES: 0 THRU 40dB  
IN 1dB INCREMENTS (SEE TABLE)
- 1.3 ATTENUATION ACCURACY:
- 0dB +0.3dB  
-0.0dB
- 1 - 6dB ±0.3dB
- 7 - 20dB ±0.5dB
- 21 - 30dB ±1.0dB
- 31 - 40dB ±1.5dB
- 1.4 MAXIMUM VSWR: 1.07 + 0.015 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) |

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: | 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<br><br>ATTENUATOR |                    |  |
| 3 PLACE DECIMALS ±.005                                              | DRAWN/DATE                                                                                                                        |  | ENG./DATE          |                         | DRAWING NUMBER     |  |
| 2 PLACE DECIMALS ±.02                                               | C.RICKARD<br>6/4/91                                                                                                               |  | G.KOZAK<br>6/12/91 |                         |                    |  |
| FRACTIONS ±1/64                                                     | CHECKED/DATE                                                                                                                      |  | APPROVED/DATE      |                         | ATT-290F-XX-SMA-02 |  |
| PARALLELITY: T.I.R. _____                                           | A.BEATTY<br>6/12/91                                                                                                               |  |                    |                         |                    |  |
| FLATNESS: T.I.R. _____                                              | SCALE: 5=1                                                                                                                        |  |                    |                         |                    |  |
| CONCENTRICITY: T.I.R. _____                                         |                                                                                                                                   |  |                    |                         |                    |  |
| ANGLES AND PERPENDICULARITY: ±1°                                    | SHEET 1 of 1                                                                                                                      |  |                    |                         |                    |  |

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