

## Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)

[ATT-0290-73-HEX-02](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

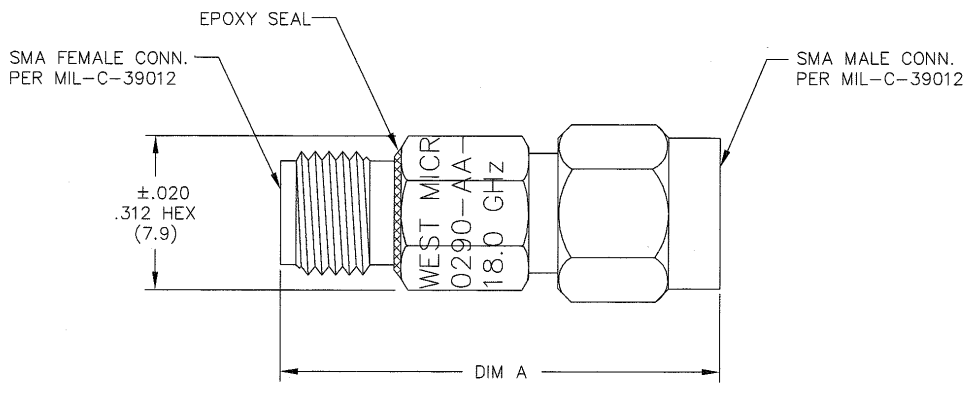
**NOTES:**

- 1.0 SPECIFICATIONS:
- 1.1 FREQ. RANGE: DC to 18.0 GHz
- 1.2 ATTENUATION ACCURACY:
 

|               |        |
|---------------|--------|
| 0dB           | +0.3dB |
| 1 to 6dB      | ±0.3dB |
| 7 to 20dB     | ±0.5dB |
| 21 to 30dB    | ±1.0dB |
| 40, 50 & 60dB | ±2.0dB |
- 1.3 MAXIMUM VSWR:
 

|             |                   |
|-------------|-------------------|
| 0 to 30dB:  | 1.07 + .015f(GHz) |
| 31 to 60dB: | 1.07 + .015f(GHz) |
- 1.4 MAXIMUM INPUT POWER:
 

|                         |                  |
|-------------------------|------------------|
| 2 WATTS AVG AT +25°C    | DERATED LINEARLY |
| TO 0.5 WATTS AT +125°C. |                  |
- 1.5 OPERATING TEMP. RANGE: -65°C to +125°C
- 2.0 MARKING
- 2.1 MARK UNIT AS SHOWN
- 3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



|                   |             |
|-------------------|-------------|
| 31 - 60dB         | 1.25 (31.8) |
| 13 - 30dB         | 1.02 (25.9) |
| 0 - 12dB          | .86 (21.8)  |
| ATTENUATION VALUE | DIM A       |

| REV. | DESCRIPTION   | DATE     |
|------|---------------|----------|
| 1    | RELEASED      | 9/15/92  |
| A    | ECR 2943      | 6/21/94  |
| B    | ECR 3979      | 10/30/95 |
| C    | ECR 4083      | 12/6/95  |
| D    | ECR 4684      | 7/17/98  |
| E    | ECR 8239      | 10/27/98 |
| F    | ECR 8545      | 7/10/98  |
| G    | REDRAW ON CAD | 8/19/92  |
| H    | EON 16216     | 9/15/97  |
| J    | EON 19382     | 9/2/03   |
| K    | EON 21572     | 11/19/07 |

DWG NO. WAS: 04243-01-00

|                                                                                                                                                                                              |  |                                                                                                                                                              |                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:                                                                                                                          |  | PSDM NO.<br><b>34078</b>                                                                                                                                     | <b>MIDWEST MICROWAVE</b>             |
| 3 PLACE DECIMALS ±.005<br>2 PLACE DECIMALS ±.02<br>FRACTIONS ±1/64<br>PARALLELITY: T.I.R. _____<br>FLATNESS: T.I.R. _____<br>CONCENTRICITY: T.I.R. _____<br>ANGLES AND PERPENDICULARITY: ±1° |  | NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave<br><br>TITLE<br>ATTENUATOR |                                      |
| DRAWN/DATE<br>M. HOLLMAN<br>8/20/92                                                                                                                                                          |  | ENG./DATE<br>C. KOZAK<br>9/15/92                                                                                                                             | DRAWING NUMBER<br>ATT-0290-XX-HEX-02 |
| CHECKED/DATE<br>A. BEATTY<br>9/15/92                                                                                                                                                         |  | APPROVED/DATE                                                                                                                                                | SCALE: 5=1 SHEET 1 of 1              |