

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Cinch Connectivity Solutions](#)  
[ATT-0290-00-SMA-02](#)

For any questions, you can email us directly:

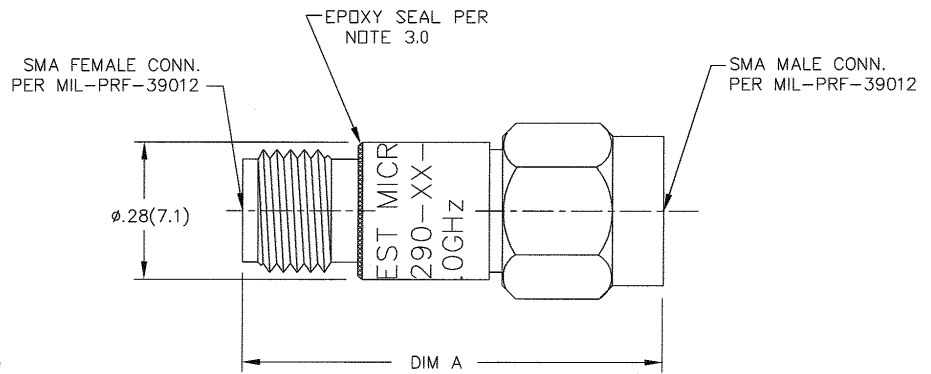
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



NOTES:

- 1.0 SPECIFICATIONS:  
1.1 FREQ. RANGE: DC to 18.0 GHz  
1.2 ATTENUATION ACCURACY:  
0dB +0.3/-0dB  
0.5 - 6dB ±0.3dB  
7 - 20dB ±0.5dB  
21 - 30dB ±1.0dB  
31 - 40dB ±1.5dB  
41 - 50dB ±2.0dB  
1.3 MAXIMUM VSWR: 1.07 + .015 f (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  
(REF.: INK-03809-27-XX)  
3.0 EPOXY UNIT AS SHOWN (REF.: EPX-08000-44-01)

4.0 DIMENSIONS IN PARENTHESIS ARE IN  
MILLIMETERS.



| ATTENUATION VALUE | DIM A      |
|-------------------|------------|
| 0 thru 12dB       | .86(21.8)  |
| 13 thru 30dB      | 1.02(25.9) |
| 31 thru 50dB      | 1.13(28.6) |

SEE HISTORY FILE FOR REV. HISTORY

DWG NO. WAS: 02333-01-00

| REV. | DESCRIPTION    | DATE    |
|------|----------------|---------|
| I    | RELEASED       | 4/24/92 |
| M    | ECR 8933       | 1/26/90 |
| M1   | SHOW CORR. P/N | 2/15/90 |
| N    | ECN 10832      | 9/3/91  |
| O    | REDRAW ON CAD  | 4/24/92 |
| P    | ECN 12471      | 10/6/93 |
| R    | ECN 14639      | 8/3/95  |
| S    | ECN 16175      | 9/22/97 |
| T    | ECN 18603      | 6/20/02 |
| U    | ECN 19668      | 6/17/04 |
| V    | ECN 21171      | 1/4/07  |

|                                                                              |                                                                                                                                                  |       |              |                                      |  |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------|--------------------------------------|--|
| UNLESS OTHERWISE<br>NOTED DIMENSIONS<br>ARE IN INCHES AND<br>TOLERANCES ARE: | PSOM NO.                                                                                                                                         | 34078 |              | MIDWEST MICROWAVE                    |  |
|                                                                              | NOTICE: The information<br>contained in this<br>drawing is proprietary<br>and must not be used<br>without the permission<br>of Midwest Microwave |       |              | TITLE<br><br>ATTENUATOR              |  |
|                                                                              | 3 PLACE DECIMALS ±.005                                                                                                                           |       |              |                                      |  |
|                                                                              | 2 PLACE DECIMALS ±.02                                                                                                                            |       |              |                                      |  |
|                                                                              | FRACTIONS ±1/64                                                                                                                                  |       |              |                                      |  |
| PARALLELITY: T.I.R. _____                                                    | DRAWN/DATE<br>A.BEATTY<br>4/24/92                                                                                                                |       |              | DRAWING NUMBER<br>ATT-0290-XX-SMA-02 |  |
| FLATNESS: T.I.R. _____                                                       | ENG./DATE<br>G.KOZAK<br>4/24/92                                                                                                                  |       |              |                                      |  |
| CONCENTRICITY: T.I.R. _____                                                  | CHECKED/DATE<br>A.BEATTY<br>4/24/92                                                                                                              |       |              | APPROVED/DATE                        |  |
| ANGLES AND PERPENDICULARITY: ±1°                                             |                                                                                                                                                  |       |              |                                      |  |
|                                                                              | SCALE: 5=1                                                                                                                                       |       | SHEET 1 of 1 |                                      |  |