

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    |
|------|----------------|---------|
| -    | RELEASED       | 4/24/92 |
| M    | ECR 6933       | 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      | 10/8/93 |
| R    | ECN 14639      | 8/3/95  |
| S    | ECN 16175      | 8/22/97 |
| T    | ECN 18603      | 6/20/02 |
| U    | ECN 19898      | 6/17/04 |
| V    | ECN 21171      | 1/4/07  |

|   |   |                                 |                                      |              |
|---|---|---------------------------------|--------------------------------------|--------------|
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br><br>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° | FSCM NO.<br><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<br><b>ATTENUATOR</b>           |              |
|   | DRAWN/DATE<br>A.BEATTY<br>4/24/92   | ENG./DATE<br>G.KOZAK<br>4/24/92 | DRAWING NUMBER<br>ATT-0290-XX-SMA-02 |              |
|   | CHECKED/DATE<br>A.BEATTY<br>4/24/92   | APPROVED/DATE                   | SCALE: 5=1                           | SHEET 1 of 1 |