

NOTES:

1.0 SPECIFICATIONS:

1.1 FREQ. RANGE: DC to 18.0 GHz

1.2 ATTENUATION ACCURACY:

|           |        |
|-----------|--------|
| 1 - 6dB   | ±0.3dB |
| 7 - 20dB  | ±0.5dB |
| 21 - 30dB | ±1.0dB |
| 31 - 40dB | ±1.5dB |
| 40 - 60dB | ±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

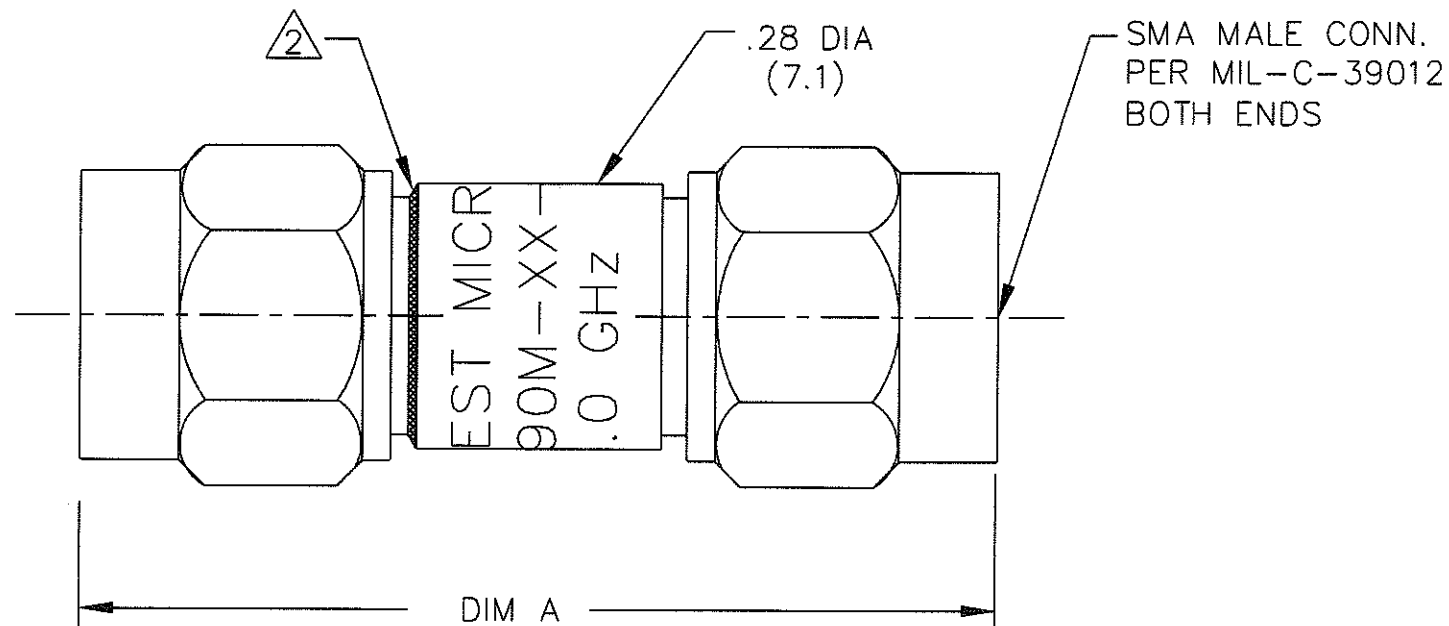
△2 EPOXY UNIT PER EPX-08000-44-01

3.0 MARKING

3.1 MARK UNIT AS SHOWN:

(REF.: INK-03821-27-XX)

4.0 DIMENSIONS IN PARENTHESIS ARE IN  
MILLIMETERS.



| ATTENUATION VALUE | DIM A      |
|-------------------|------------|
| 1 thru 12dB       | .98(24.9)  |
| 13 thru 30dB      | 1.12(28.4) |
| 31 thru 60dB      | 1.23(31.2) |

DWG NO. WAS: 02337-01-00

| REV. | DESCRIPTION      | DATE    |
|------|------------------|---------|
| -    | RELEASED         | 9/23/91 |
| A    | ECR 5410         | 6/25/87 |
| B    | ECR 6545         | 6/29/89 |
| B1   | REDRAW ON CAD    | 9/10/91 |
| B2   | UPDATE MODEL NO. | 9/29/92 |
| C    | ECN 12401        | 2/10/93 |
| D    | ECN 20048        | 8/23/04 |

|   |   |                                 |                                      |              |
|---|---|---------------------------------|--------------------------------------|--------------|
| 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>ATTENUATOR                  |              |
|   | DRAWN/DATE<br>A.BEATTY<br>9/10/01   | ENG./DATE<br>G.KOZAK<br>9/23/91 | DRAWING NUMBER<br>ATT-290M-XX-SMA-02 |              |
|   | CHECKED/DATE<br>C.RICKARD<br>9/10/91  | APPROVED/DATE                   | SCALE: 5=1                           | SHEET 1 of 1 |

MODEL NUMBER  
ATT-290M-XX-SMA-02  
REV.  
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