

NOTES:

1.0 SPECIFICATIONS:

1.1 FREQ. RANGE: DC to 12.4 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: 1.25:1

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-06833-27-XX)

△ EPOXY SEAL FEMALE END ONLY FOR 1-30dB.
EPOXY SEAL MALE & FEMALE ENDS FOR 31-60dB.
PER EPX-08000-44-01

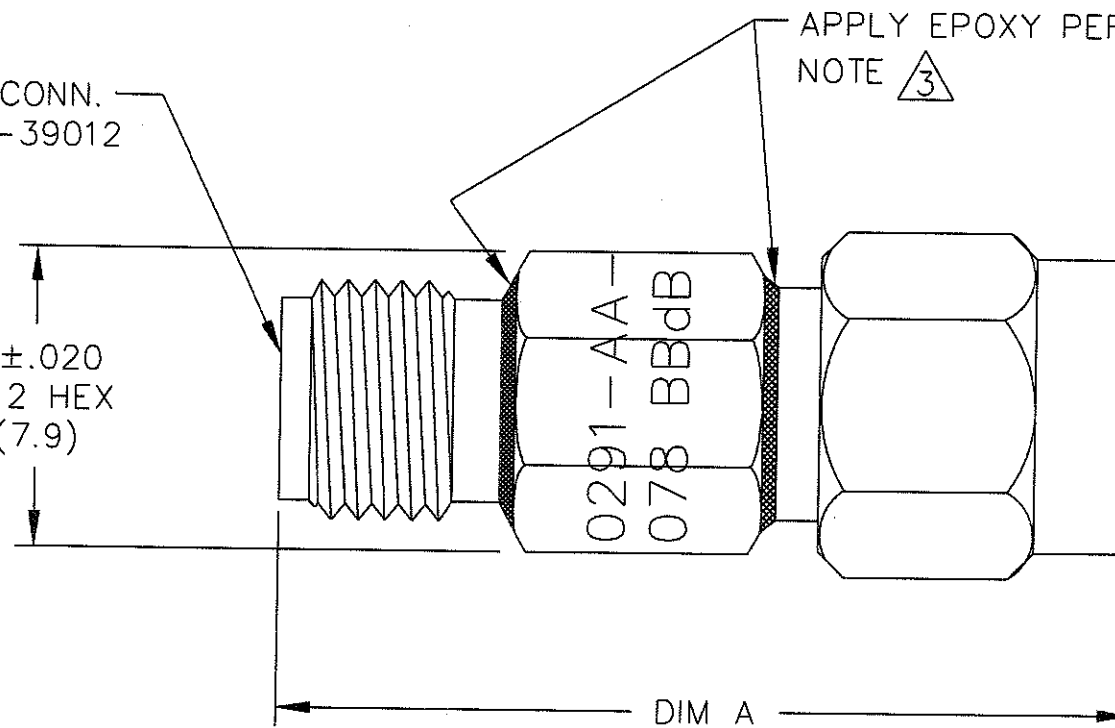
4.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

SMA FEMALE CONN.
PER MIL-PRF-39012

APPLY EPOXY PER
NOTE 3

SMA MALE CONN.
PER MIL-PRF-39012

±.020
.312 HEX
(7.9)



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

MODEL NUMBER
ATT-0291-XX-HEX-02
REV.
H1

| REV. | DESCRIPTION | DATE |
|------|------------------|----------|
| - | RELEASED | 9/15/92 |
| A | ECR 2943 | 6-21-84 |
| B | ECR 3979 | 10-30-85 |
| C | ECR 4083 | 12-6-85 |
| D | ECR 4684 | 7-17-86 |
| E | ECR 6239 | 10-27-86 |
| F | ECR 6545 | 7-10-89 |
| G | REDRAW ON CAD | 8/19/92 |
| H | ECN 16216 | 9/16/97 |
| H1 | ADDED TITLEBLOCK | 3/24/05 |

DWG NO. WAS: 04243-01-00

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------|
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 3 PLACE DECIMALS ±.005 2 PLACE DECIMALS ±.02 FRACTIONS ±1/64 PARALLELITY: T.I.R. _____ FLATNESS: T.I.R. _____ CONCENTRICITY: T.I.R. _____ ANGLES AND PERPENDICULARITY: ±1' | 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 ATTENUATOR | |
| | DRAWN/DATE M.HOLLMAN 8/19/92 | ENG./DATE G.KOZAK 9/15/92 | DRAWING NUMBER ATT-0291-XX-HEX-02 |
| | CHECKED/DATE A.BEATTY 9/15/92 | APPROVED/DATE | SCALE: 5=1 SHEET 1 of 1 |