

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

1.1 FREQUENCY RANGE: DC to 18.0 GHz

1.2 ATTENUATION ACCURACY:

| | DC to 12.4 GHz | | 12.4 GHz to 18.0 GHz | |
|-------|----------------|----------|----------------------|--|
| 1.2.1 | 0 dB | +0.75 dB | +0.75 dB | |
| 1.2.2 | 1 to 4 dB | ±0.75 dB | ±0.75 dB | |
| 1.2.3 | 5 to 8 dB | ±0.75 dB | ±1.00 dB | |
| 1.2.4 | 9 to 12 dB | ±1.00 dB | ±1.25 dB | |
| 1.2.5 | 13 to 20 dB | ±1.50 dB | ±1.50 dB | |
| 1.2.6 | 21 to 40 dB | ±2.00 dB | ±2.00 dB | |
| 1.2.7 | 41 to 60 dB | ±2.50 dB | ±2.50 dB | |

1.3 VSWR:

| | | |
|-------|------------------|------------|
| 1.3.1 | DC to 4.0 GHz | 1.25:1 MAX |
| 1.3.2 | 4.0 to 12.4 GHz | 1.45:1 MAX |
| 1.3.3 | 12.4 to 18.0 GHz | 1.65:1 MAX |

2.0 MAXIMUM INPUT POWER:

2 WATTS AVERAGE AT +25°C DERATED LINEARLY TO 0.5 WATTS AT +125°C

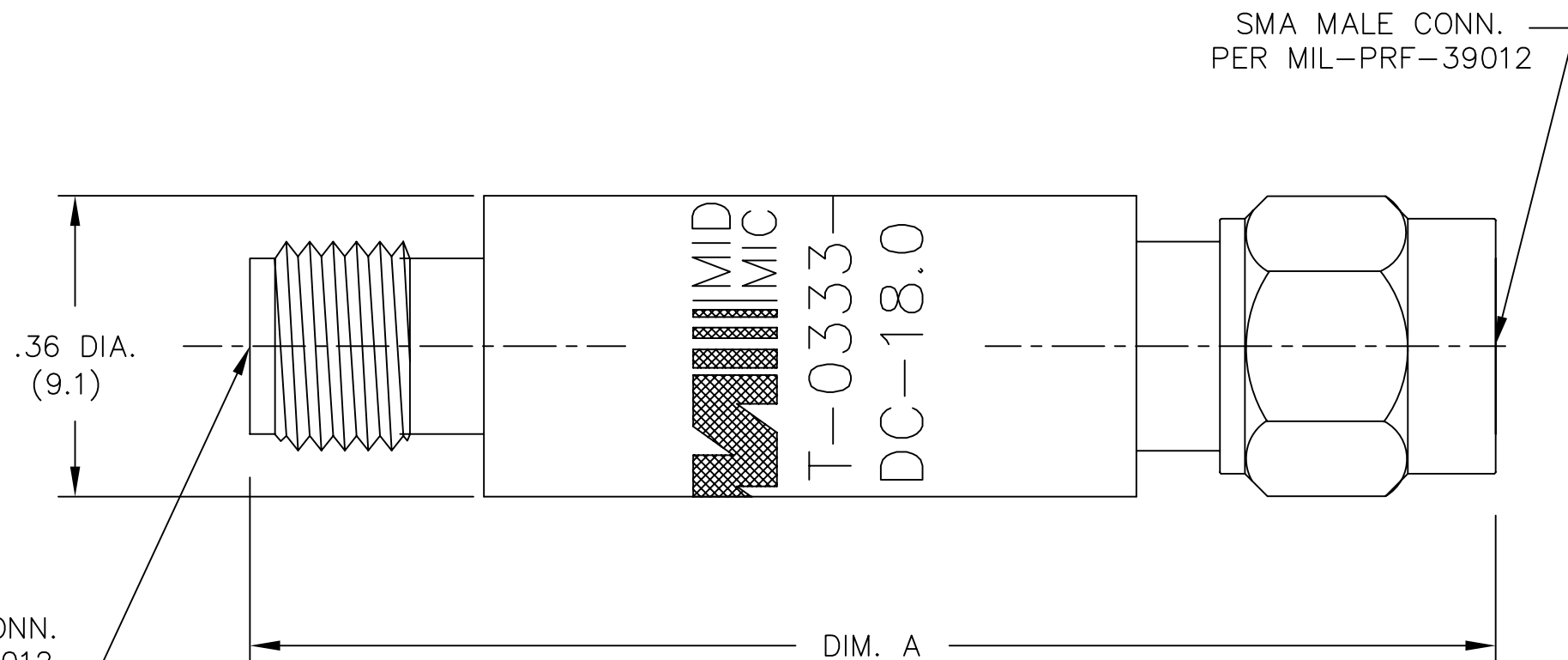
3.0 OPERATING TEMPERATURE RANGE: -65°C TO +125°C

4.0 MARKING: MARK UNIT AS SHOWN

(REF.: INK-03802-27-XX)

5.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

SMA FEMALE CONN.
PER MIL-PRF-39012



MODEL NUMBER
ATT-0333-XX-SMA-02
REV.
E2

WAS DWG. 02332-01-00

| | | | |
|--|--|---|--------------------------------|
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: | | FSCM NO. 34078 | MIDWEST MICROWAVE |
| 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' | | NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave | |
| TITLE ATTENUATOR | | DRAWN/DATE D.ESTY 8/17/90 | ENG./DATE G.KOZAK 4/2/91 |
| DRAWING NUMBER ATT-0333-XX-SMA-02 | | CHECKED/DATE A.BEATTY 2/29/91 | APPROVED/DATE |
| SCALE: 5=1 | | SHEET 1 of 1 | |

| | |
|---------------------------|------------|
| 21 to 60 dB | 1.49(37.8) |
| 0 to 20 dB | 1.20(30.5) |
| -XX- ATTENUATION VALUE | DIM A |

| REV. | DESCRIPTION | DATE |
|------|------------------|---------|
| - | RELEASED | 4/2/91 |
| A | ECR 3656 | 6-17-85 |
| B | ECR 4003 | 11-1-85 |
| C | ECR 4689 | 7-24-86 |
| D | ECR 6545 | 7-20-89 |
| E | ECR 6933 | 8-17-90 |
| E1 | UPDATE MODEL NO. | 8/28/92 |
| E2 | ADDED TITLEBLOCK | 3/30/05 |