

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

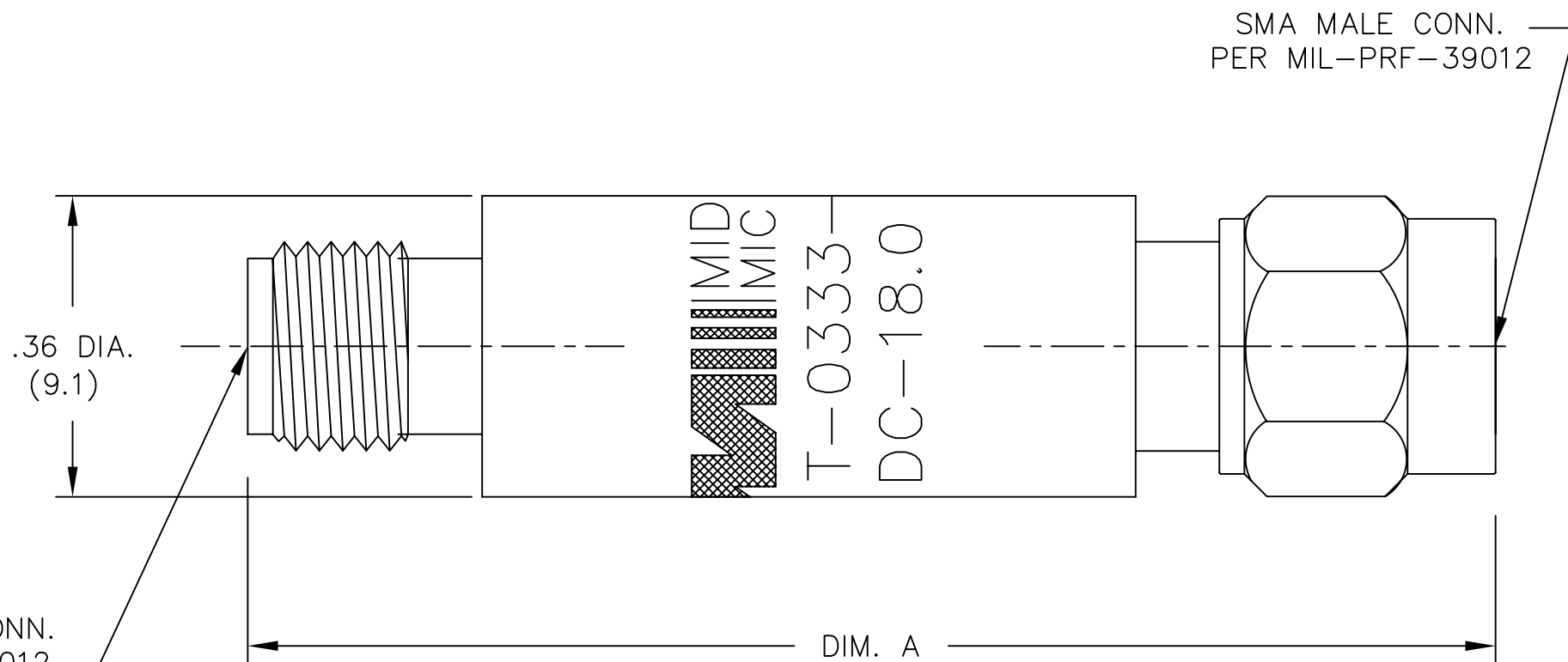
3.0 OPERATING TEMPERATURE RANGE: -65°C TO +125°C

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:

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
D.ESTY
8/17/90

ENG./DATE
G.KOZAK
4/2/91

CHECKED/DATE
A.BEATTY
2/29/91

APPROVED/DATE

DRAWING NUMBER

ATT-0333-XX-SMA-02

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 |