

Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)
[ATT-0333-01-SMA-02](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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 |

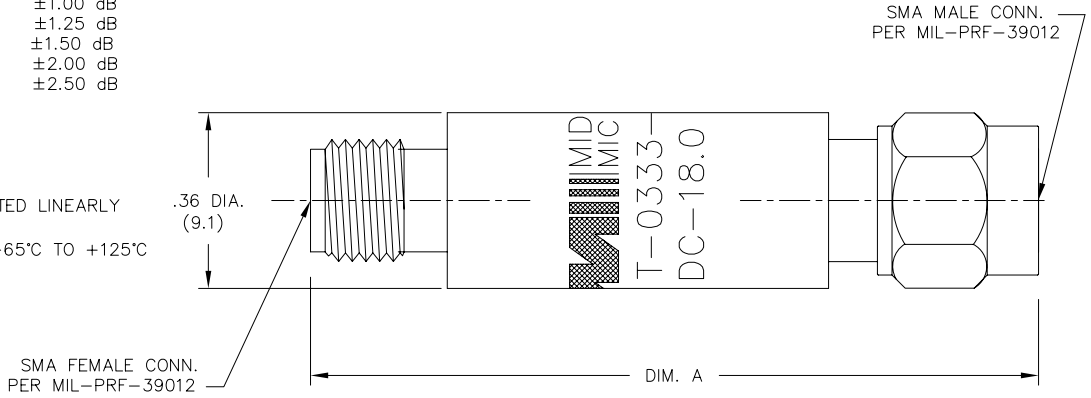
2.0 MAXIMUM INPUT POWER:

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.



WAS DWG. 02332-01-00

| REV. | DESCRIPTION | DATE |
|------|------------------|---------|
| 1 | 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 |

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

| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: | | FSCM NO. 34078 | | MIDWEST MICROWAVE | |
|---|--|---|--|--------------------|--|
| 3 PLACE DECIMALS ±.005 | | NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave | | TITLE | |
| 2 PLACE DECIMALS ±.02 | | | | ATTENUATOR | |
| FRACTIONS ±1/64 | | DRAWN/DATE D.ESITY 8/17/90 | | DRAWING NUMBER | |
| PARALLELITY: T.I.R. _____ | | | | ATT-0333-XX-SMA-02 | |
| FLATNESS: T.I.R. _____ | | ENG./DATE C.KOZAK 4/2/91 | | SCALE: 5=1 | |
| CONCENTRICITY: T.I.R. _____ | | CHECKED/DATE A.BEATTY 2/29/91 | | APPROVED/DATE | |
| ANGLES AND PERPENDICULARITY: ±1° | | | | SHEET 1 of 1 | |

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