

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: DC to 18.0 GHz
- 1.2 ATTENUATION VALUES AND ACCURACY:
  - 1.2.1 0 dB +0.3 dB
  - 1.2.2 1 to 10 dB ±0.3 dB
  - 1.2.3 11 to 20 dB ±0.5 dB
  - 1.2.4 21 to 40 dB ±1.0 dB
  - 1.2.5 41 to 60 dB ±1.5 dB
- 1.3 VSWR: 1.07 + .015f (GHz)

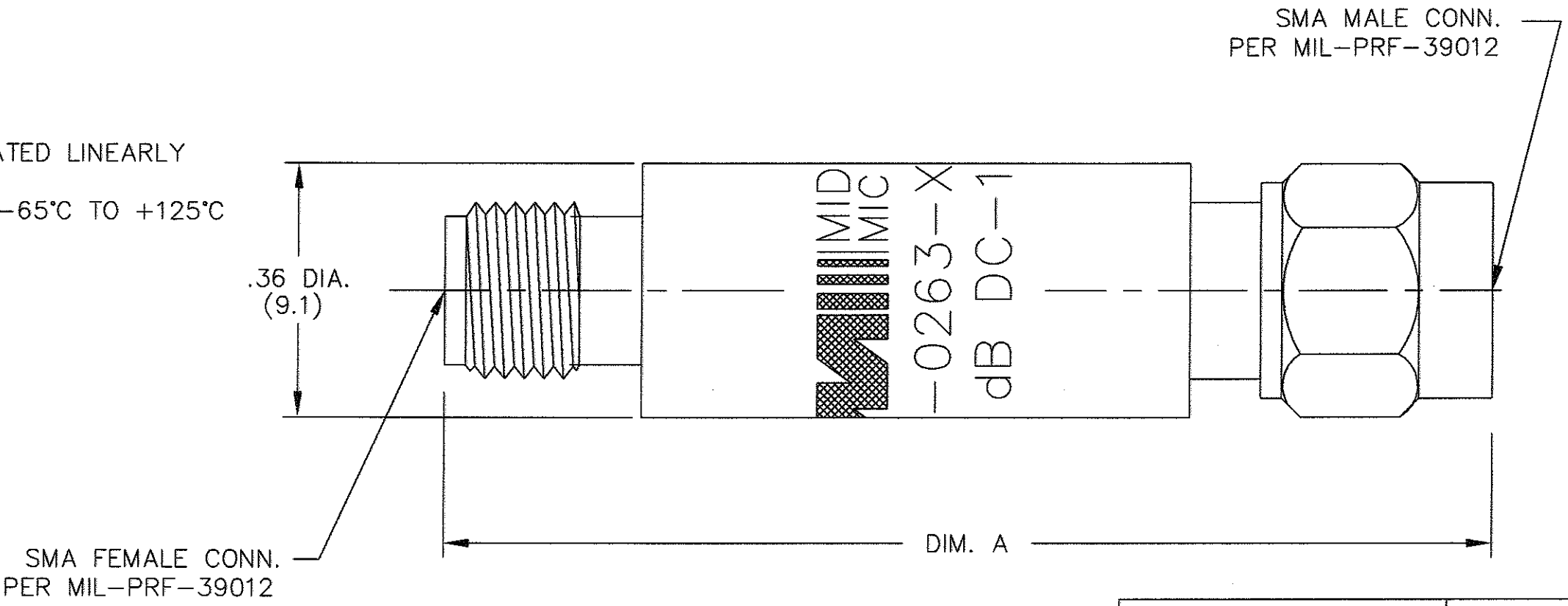
2.0 MAXIMUM INPUT POWER:

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-03803-27-XX)

5.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



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

WAS DWG. 02332-01-00

| REV. | DESCRIPTION      | DATE    |
|------|------------------|---------|
| -    | RELEASED         | 8/26/90 |
| 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   | CORRECT MARKING  | 4/25/91 |
| E2   | UPDATE MODEL NO. | 8/20/92 |
| F    | ECN 12471        | 10/1/93 |
| G    | ECN 20115        | 10/5/04 |

ATT-0263-XX-000-02 AND ATT-0263-XX-SMA-02 ARE IDENTICAL MARKING SHOULD MATCH MODEL NUMBER AS IT APPEARS ON PURCHASE ORDER.

|                                                                                                                                                                                                                                                                                                          |                                                                                                                                                  |                                 |                                   |                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------|------------------------------------------|
| UNLESS OTHERWISE<br>NOTED DIMENSIONS<br>ARE IN INCHES AND<br>TOLERANCES ARE:<br><br>3 PLACE DECIMALS ±.005<br><br>2 PLACE DECIMALS ±.02<br><br>FRACTIONS ±1/64<br><br>PARALLELITY: T.I.R. _____<br><br>FLATNESS: T.I.R. _____<br><br>CONCENTRICITY: T.I.R. _____<br><br>ANGLES AND PERPENDICULARITY: ±1° | FSCM NO.<br><b>34078</b>                                                                                                                         |                                 | <b>MIDWEST MICROWAVE</b>          |                                          |
|                                                                                                                                                                                                                                                                                                          | NOTICE: The information<br>contained in this<br>drawing is proprietary<br>and must not be used<br>without the permission<br>of Midwest Microwave |                                 | TITLE<br><br>MINIATURE ATTENUATOR |                                          |
|                                                                                                                                                                                                                                                                                                          |                                                                                                                                                  |                                 |                                   |                                          |
|                                                                                                                                                                                                                                                                                                          |                                                                                                                                                  |                                 |                                   |                                          |
| DRAWN/DATE<br>D.ESTY<br>8/15/90                                                                                                                                                                                                                                                                          |                                                                                                                                                  | ENG./DATE<br>G.KOZAK<br>8/26/90 |                                   | DRAWING NUMBER<br><br>ATT-0263-XX-SMA-02 |
| CHECKED/DATE<br>A.BEATTY<br>8/26/90                                                                                                                                                                                                                                                                      |                                                                                                                                                  | APPROVED/DATE                   |                                   |                                          |
|                                                                                                                                                                                                                                                                                                          |                                                                                                                                                  | SCALE: 5=1                      |                                   | SHEET 1 of 1                             |

# Mouser Electronics

Authorized Distributor

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## Cinch Connectivity Solutions:

|                                           |                                           |                                           |                                           |                                           |
|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| <a href="#"><u>ATT-0263-75-SMA-02</u></a> | <a href="#"><u>ATT-0263-76-SMA-02</u></a> | <a href="#"><u>ATT-0263-77-SMA-02</u></a> | <a href="#"><u>ATT-0263-78-SMA-02</u></a> | <a href="#"><u>ATT-0263-79-SMA-02</u></a> |
| <a href="#"><u>ATT-0263-80-SMA-02</u></a> | <a href="#"><u>ATT-0263-30-SMA-02</u></a> | <a href="#"><u>ATT-0263-70-SMA-02</u></a> | <a href="#"><u>ATT-0263-71-SMA-02</u></a> | <a href="#"><u>ATT-0263-72-SMA-02</u></a> |
| <a href="#"><u>ATT-0263-73-SMA-02</u></a> | <a href="#"><u>ATT-0263-74-SMA-02</u></a> | <a href="#"><u>ATT-0263-15-SMA-02</u></a> | <a href="#"><u>ATT-0263-16-SMA-02</u></a> | <a href="#"><u>ATT-0263-17-SMA-02</u></a> |
| <a href="#"><u>ATT-0263-18-SMA-02</u></a> | <a href="#"><u>ATT-0263-19-SMA-02</u></a> | <a href="#"><u>ATT-0263-20-SMA-02</u></a> | <a href="#"><u>ATT-0263-09-SMA-02</u></a> | <a href="#"><u>ATT-0263-10-SMA-02</u></a> |
| <a href="#"><u>ATT-0263-11-SMA-02</u></a> | <a href="#"><u>ATT-0263-12-SMA-02</u></a> | <a href="#"><u>ATT-0263-13-SMA-02</u></a> | <a href="#"><u>ATT-0263-14-SMA-02</u></a> | <a href="#"><u>ATT-0263-03-SMA-02</u></a> |
| <a href="#"><u>ATT-0263-04-SMA-02</u></a> | <a href="#"><u>ATT-0263-05-SMA-02</u></a> | <a href="#"><u>ATT-0263-06-SMA-02</u></a> | <a href="#"><u>ATT-0263-07-SMA-02</u></a> | <a href="#"><u>ATT-0263-08-SMA-02</u></a> |
| <a href="#"><u>ATT-0263-00-SMA-02</u></a> | <a href="#"><u>ATT-0263-01-SMA-02</u></a> | <a href="#"><u>ATT-0263-02-SMA-02</u></a> |                                           |                                           |