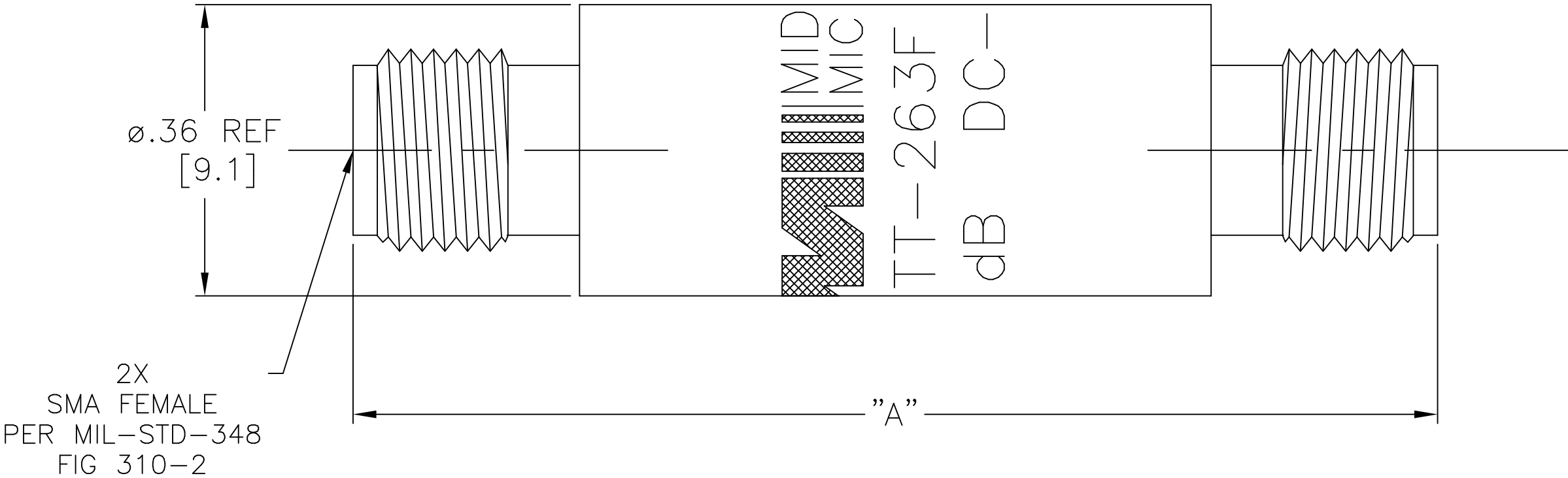


- NOTES:
- 1.0 ELECTRICAL SPECIFICATIONS:
- 1.1 FREQ, RANGE: DC TO 18.0 GHz
- 1.2 ATTENUATION VALUES AND ACCURACY
- |                |           |
|----------------|-----------|
| 0 dB:          | +0.3/−0dB |
| 0.5 TO 10 dB:  | ±0.3 dB   |
| 10.5 TO 20 dB: | ±0.5 dB   |
| 20.5 TO 40 dB: | ±1.0 dB   |
| 41 TO 60 dB:   | ±1.5 dB   |
- 1.3 MAXIMUM VSWR: 1.07 + .015f (GHz)
- 1.4 MAXIMUM INPUT POWER:
- 2 WATTS AVERAGE AT +25°C DERATED LINEARLY TO 0.5 WATTS AT +125°C
- 1.5 OPERATING TEMPERATURE RANGE: −65°C TO +125°C
- 2.0 DIMENSIONS IN BRACKETS ARE IN MILLIMETERS.



| ATTENUATION VALUE | "A"         |
|-------------------|-------------|
| 0 TO 30 dB        | 1.07 [27.2] |
| 31 TO 60 dB       | 1.18 [30.0] |

| REV. | DESCRIPTION   | DATE     |
|------|---------------|----------|
| 1    | RELEASED      | 2/23/79  |
| A    | ECR 4805      | 9/8/86   |
| B    | ECR 6545      | 6/29/89  |
| C    | REDRAW ON CAD | 8/28/92  |
| D    | ECN 20115     | 10/5/04  |
| E    | ECO 23852     | 10/11/11 |

|                                                                                                                                                                                                                                                                     |  |                                                                                       |                                         |                                                               |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------|--------------|
| NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.                                                                                                                              |  | CAGE CODE<br>34078                                                                    |                                         | MIDWEST MICROWAVE                                             |              |
|                                                                                                                                                                                                                                                                     |  |  |                                         | TITLE<br>MINIATURE ATTENUATOR<br>0 – 60 dB<br>OUTLINE DRAWING |              |
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br>3 PLACE DECIMALS ±.005<br>2 PLACE DECIMALS ±.02<br>FRACTIONS ±1/64<br>PARALLELITY: T.I.R. _____<br>FLATNESS: T.I.R. _____<br>CONCENTRICITY: T.I.R. _____<br>ANGLES AND PERPENDICULARITY: ±1° |  | DRAWN/DATE<br>A.BEATTY<br>8/28/92                                                     | ENG./DATE<br>G.KOZAK<br>8/28/92         | DRAWING NUMBER<br>ATT-263F-XX-SMA-02-01                       | REV.<br>E    |
|                                                                                                                                                                                                                                                                     |  | CHECKED/DATE<br>M.CASURA<br>10/11/11                                                  | APPROVED/DATE<br>J. KEREKES<br>10/11/11 | SCALE: NTS                                                    | SHEET 1 of 1 |

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