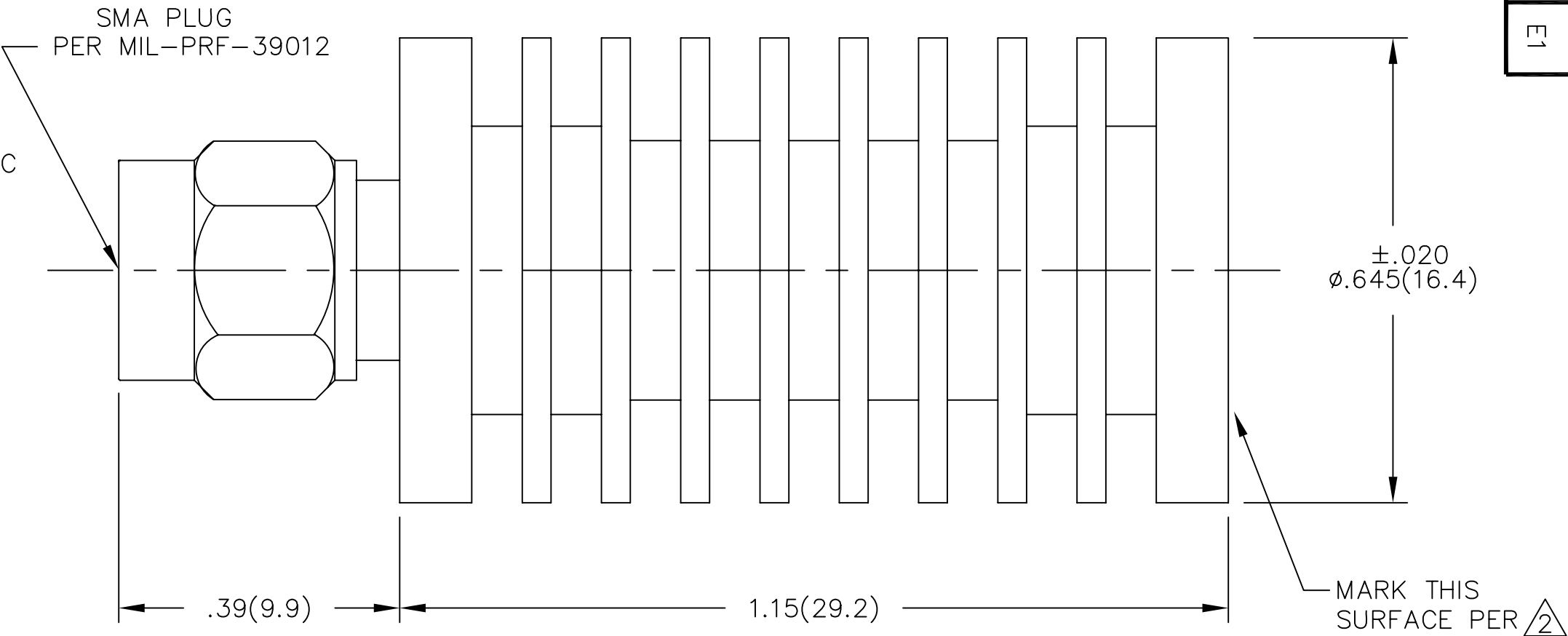


- NOTES:
- 1.0 ELECTRICAL SPECIFICATIONS:
    - 1.1 FREQUENCY RANGE: DC to 18.0 GHz
    - 1.2 NOMINAL IIMPEDANCE: 50 ±2 OHMS
    - 1.3 VSWR (MAX):
      - DC to 8.0 GHz: 1.20:1
      - 8.0 to 12.4 GHz: 1.30:1
      - 12.4 to 18.0 GHz: 1.35:1
    - VSWR POWER COEFFICIENT: 0.005/WATT
  - 1.4 RESISTOR TEMP. COEFFICIENT: 500 PPM/°C
  - 1.5 AMBIENT OPERATING TEMPERTATURE:
    - 54°C to +125°C
  - 1.6 STORAGE TEMP. RANGE:
    - 62°C to +125°C
  - 1.7 MAXIMUM POWER RATING: 10 WATTS AVG.
    - MAXIMUM RATED AVG. POWER AT +25°C
    - AMBIENT TEMP. DERATED LINEARLY TO 0 WATTS AT +125°C.
  - 1.8 MAXIMUM PEAK POWER:
    - 1 KILOWATT (5 mSEC PULSE WIDTH)
  - 1.9 WEIGHT: 0.50 Oz. MAX.

ALL OTHER MECHANICAL, ELECTRICAL AND ENVIRONMENTAL CHARACTERISTICS ARE IN ACCORDANCE WITH MIL-D-39030

2 MARKING: MARK SURFACE SHOWN (REF. INK-04185-27-01 OR INK-08051-27-01) USE WHITE INK

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



MODEL NUMBER  
TRM-2138-MO-SMA-07

REV.  
E1

DWG NO. WAS: 03972-01-00

| REV. | DESCRIPTION         | DATE     |
|------|---------------------|----------|
| -    | RELEASED            | 3/8/82   |
| A    | ECR 3726            | 8/22/85  |
| B    | ECR 6545            | 7/10/89  |
| C    | ECR 7045            | 1/15/90  |
| C1   | UPDATE TO MODEL NO. | 7/31/92  |
| D    | REDRAW ON CAD       | 11/17/92 |
| E    | ECN 15736           | 1/24/96  |
| E1   | ADDED TITLEBLOCK    | 11/4/05  |

|                                                                                                                                                                                                                                                                                             |                                                                                                                                   |                                    |                                          |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------|--------------|
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br><br>3 PLACE DECIMALS ±.005<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>34078                                                                                                                 |                                    | MIDWEST MICROWAVE                        |              |
|                                                                                                                                                                                                                                                                                             | NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave |                                    | TITLE<br><br>TERMINATION – 10 WATTS      |              |
|                                                                                                                                                                                                                                                                                             |                                                                                                                                   |                                    |                                          |              |
|                                                                                                                                                                                                                                                                                             |                                                                                                                                   |                                    |                                          |              |
|                                                                                                                                                                                                                                                                                             |                                                                                                                                   |                                    |                                          |              |
|                                                                                                                                                                                                                                                                                             | DRAWN / DATE<br>A.BEATTY<br>11/16/92                                                                                              | ENG. / DATE<br>G.KOZAK<br>11/25/92 | DRAWING NUMBER<br><br>TRM-2138-MO-SMA-07 |              |
|                                                                                                                                                                                                                                                                                             | CHECKED / DATE<br>M.HOLLMAN<br>11/29/92                                                                                           | APPROVED / DATE                    | SCALE: 5=1                               | SHEET 1 of 1 |

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