

NOTES:

1.0 ELECTRICAL SPECIFICATIONS

1.1 FREQUENCY RANGE: DC TO 18 GHz

1.2 NOMINAL IMPEDANCE: 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 AMBIENT OPERATING TEMPERATURE:
 -54°C to +125°C

1.5 STORAGE TEMPERATURE RANGE:
 -62°C to +125°C

1.6 MAXIMUM POWER RATING:
 10 WATTS AVERAGE
 MAXIMUM RATED AVERAGE POWER AT +25°C
 AMBIENT TEMPERATURE, DERATED LINEARLY
 TO 0 WATTS AT +125°C

1.7 MAXIMUM PEAK POWER:
 1 KILOWATT (5 μSEC PULSE WIDTH)

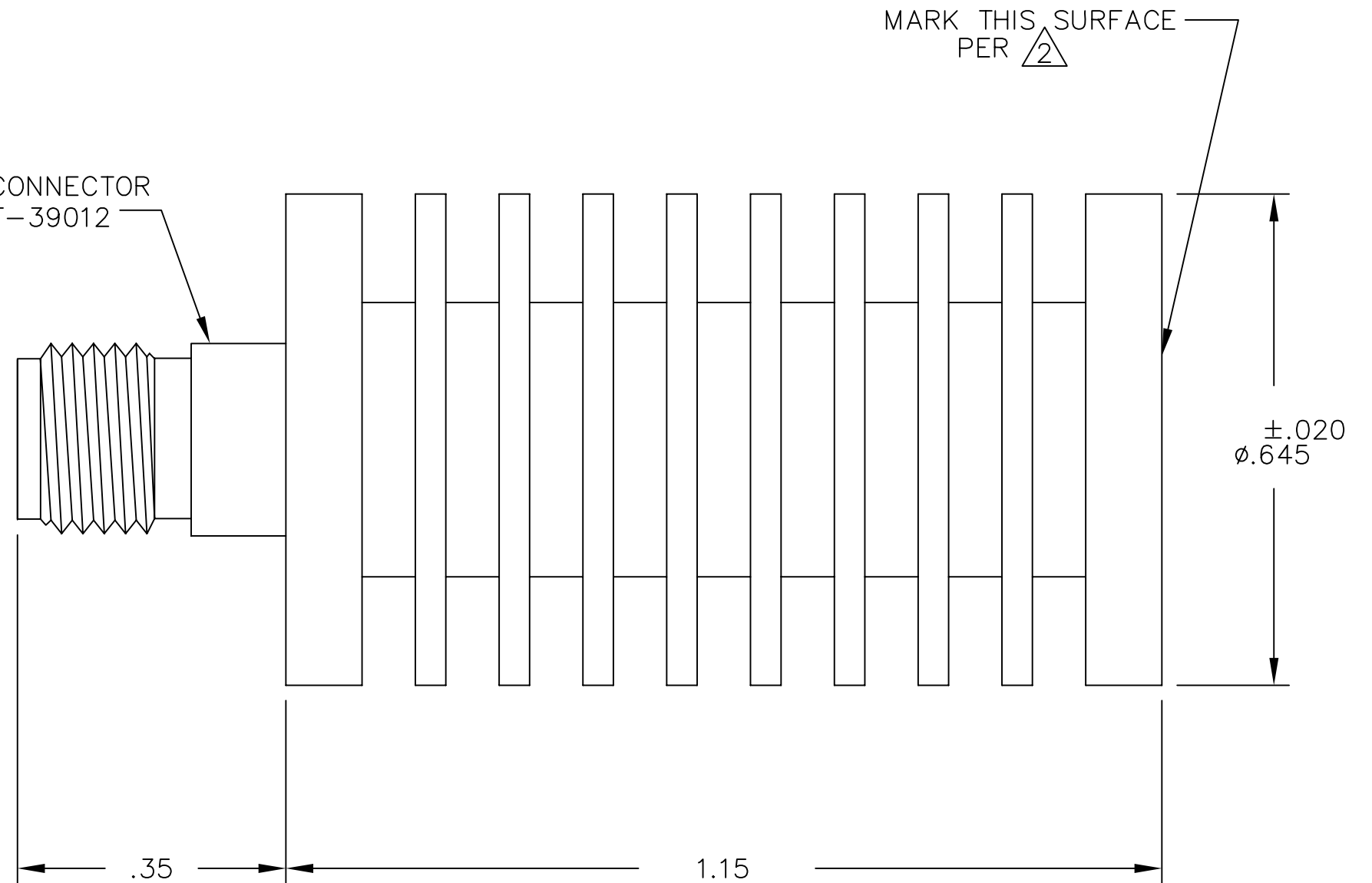
1.8 WEIGHT: 0.50 OUNCES, MAXIMUM

1.9 RESISTOR TEMPERATURE COEFFICIENT: 500 PPM/°C

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

 MARKING: MARK SURFACE SHOWN
 (REF.: INK-04185-27-02 OR
 INK-08051-27-02)

SMA FEMALE CONNECTOR
 PER MIL-PRF-39012



MODEL NUMBER
 TRM-2138-FO-SMA-07

REV.
 D1

| REV. | DESCRIPTION | DATE |
|------|-----------------------|---------|
| - | RELEASED | 3/5/82 |
| A | ECR 3725 | 7/24/85 |
| B | ECR 6545 | 7/10/89 |
| C | ECR 7045 | 1/15/90 |
| C1 | UPDATE MOD # | 7/31/92 |
| D | ECN 15735/REDO ON CAD | 1/27/97 |
| D1 | ADDED TITLEBLOCK | 11/4/05 |

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|---|---|-------------------------------------|--------------------------------------|
| 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 TERMINATION | |
| | DRAWN/DATE D.STREITER 3/4/82 | ENG./DATE H.JACQUES 3/5/82 | DRAWING NUMBER TRM-2138-FO-SMA-07 |
| | CHECKED/DATE H.JACQUES 3/5/82 | APPROVED/DATE T.GORDON 3/5/82 | SCALE: 5=1 SHEET 1 of 1 |