

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)

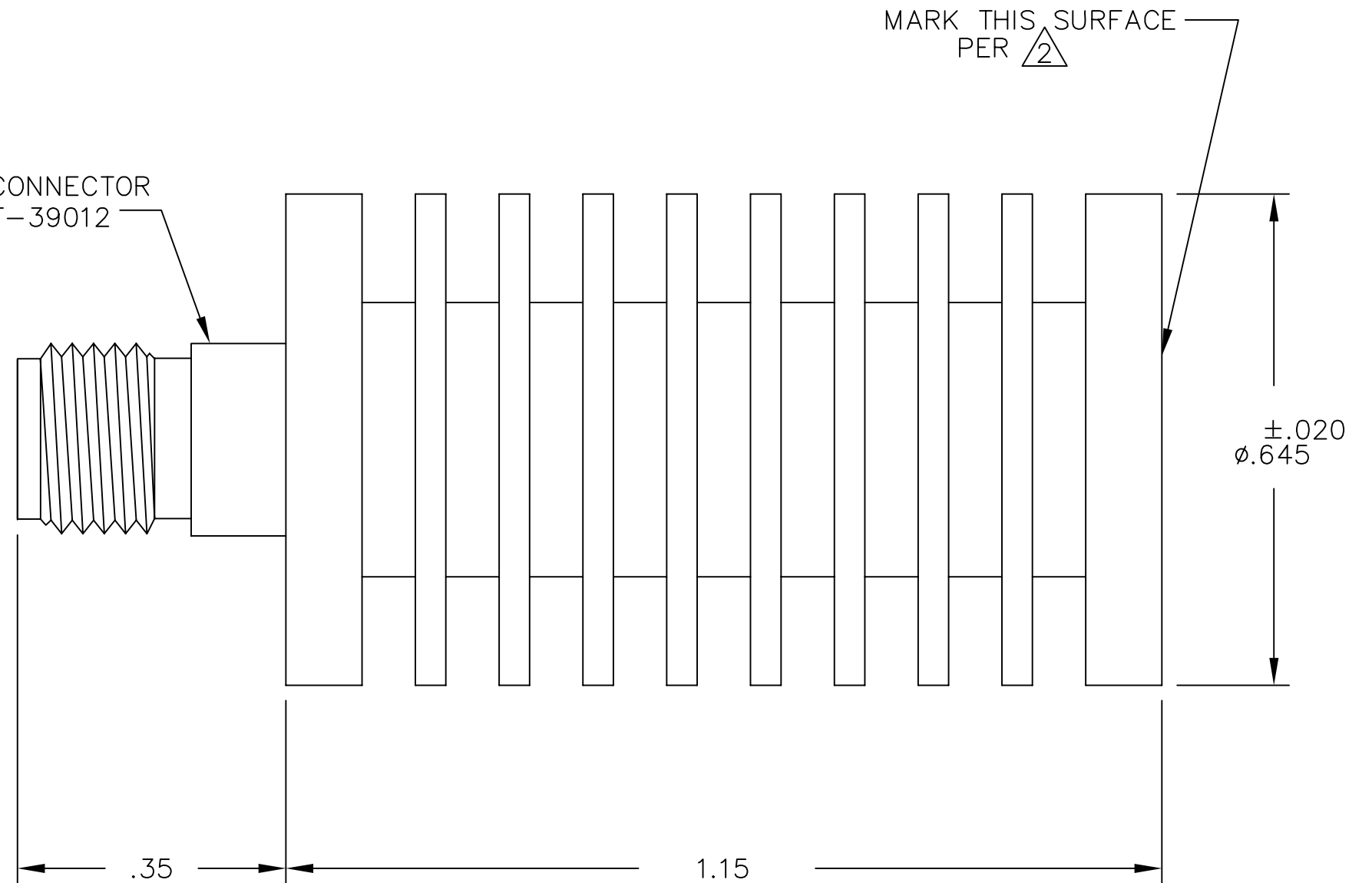
1.8 WEIGHT: 0.50 OUNCES, MAXIMUM

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

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. <b>34078</b>	<b>MIDWEST MICROWAVE</b>	
	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