

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

1.1 FREQUENCY RANGE: DC to 18.0 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 RESISTOR TEMP. COEFFICIENT: 500 PPM/°C

1.5 AMBIENT OPERATING TEMPERATURE:

-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:

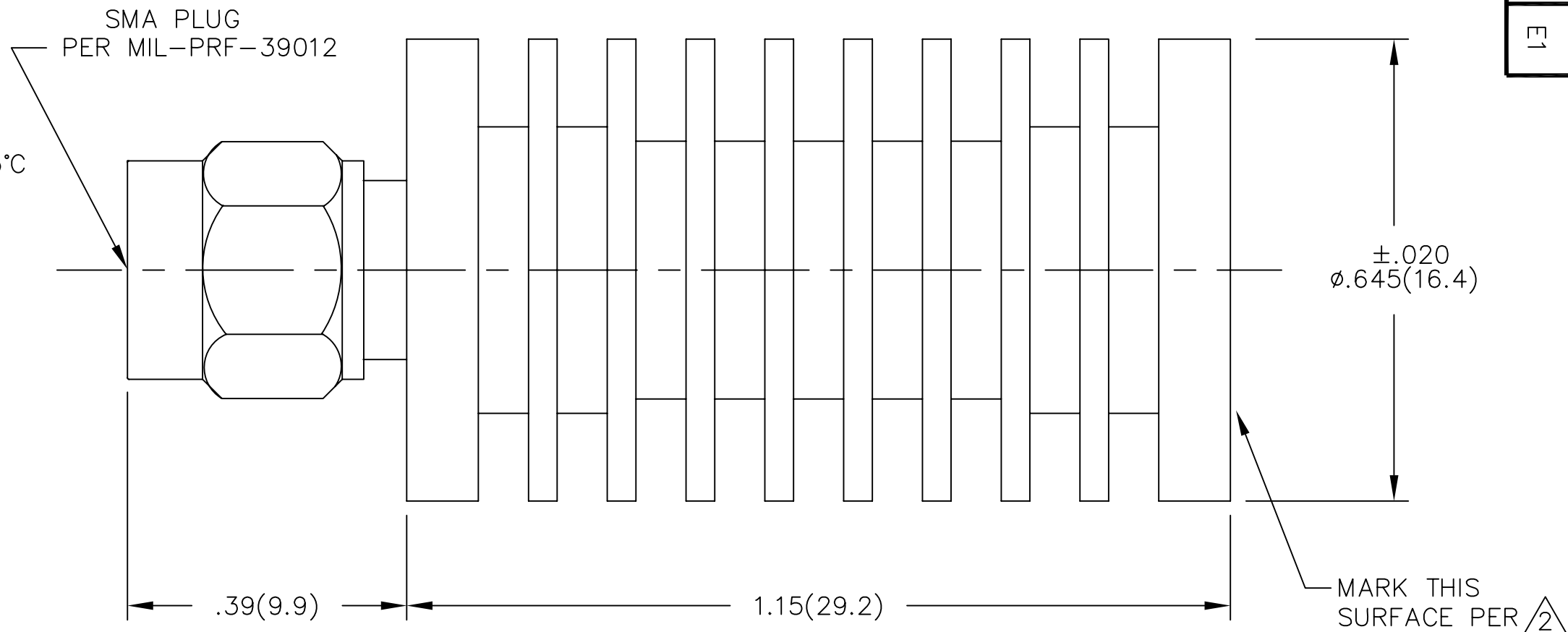
1 KILOWATT (5 mSEC PULSE WIDTH)

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.



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: 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 - 10 WATTS	
	DRAWN/DATE A.BEATTY 11/16/92	ENG./DATE G.KOZAK 11/25/92	DRAWING NUMBER TRM-2138-MO-SMA-07	
	CHECKED/DATE M.HOLLMAN 11/29/92	APPROVED/DATE	SCALE: 5=1	SHEET 1 of 1