

NOTES:

1.0 ELECTRICAL SPECIFICATIONS

1.1 FREQUENCY RANGE: DC to 18.0 GHz.

1.2 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 TEMP.: -54°C to +125°C

1.6 STORAGE TEMP. RANGE: -62°C to +125°C

1.7 MAXIMUM INPUT POWER: 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:

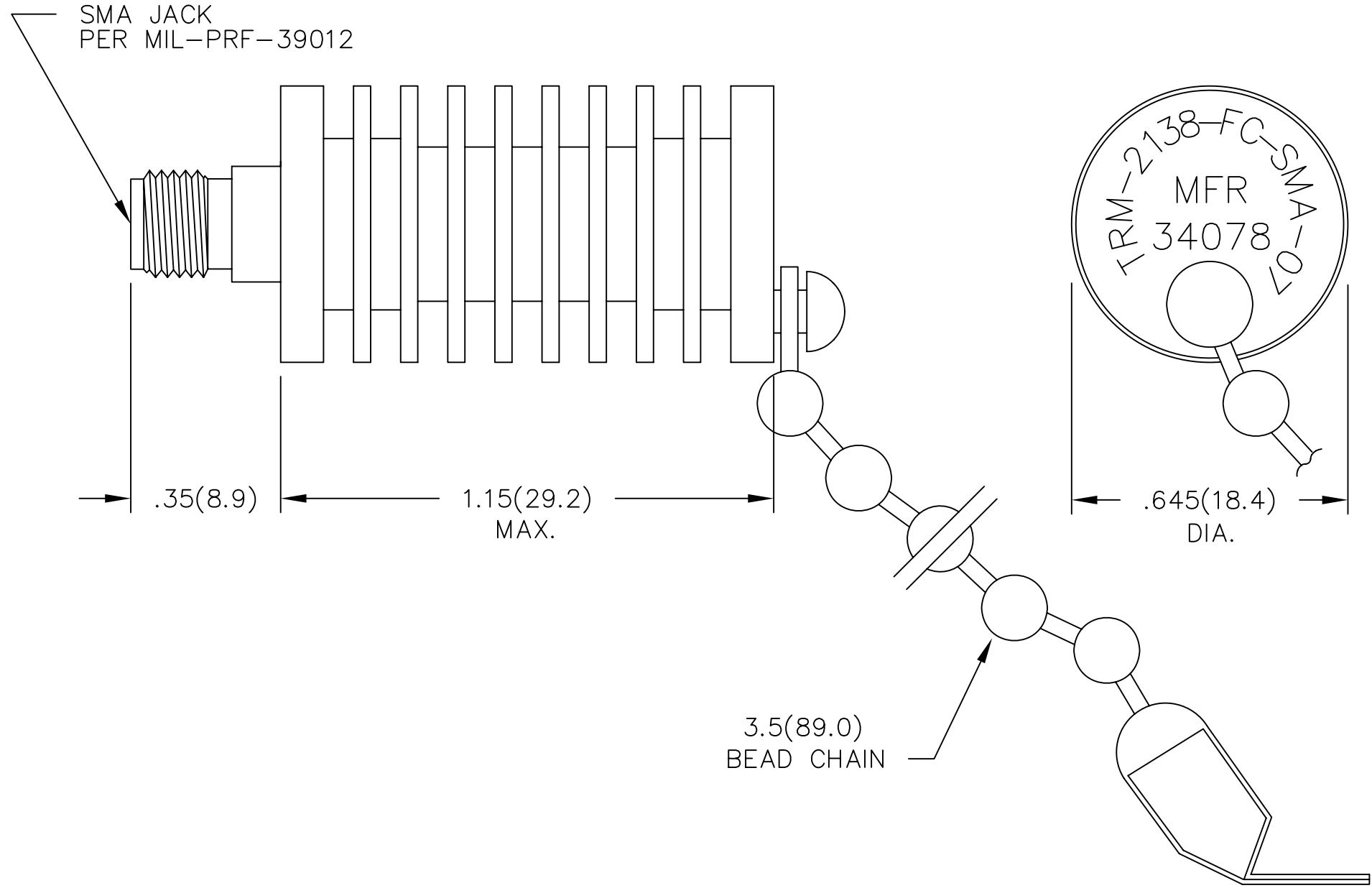
1 KILOWATT (5 mSEC PULSE WIDTH)

1.9 WEIGHT: 0.50 Oz. MAX.

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

2.0 MARKING: MARK UNIT AS SHOWN (REF.: INK-04185-27-05)

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



MODEL NUMBER	TRM-2138-FC-SMA-07
REV.	-1

REV.	DESCRIPTION	DATE
-	RELEASED	11/2/95
-1	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	
DRAWN/DATE A.BEATTY 10/27/95	ENG./DATE G.KOZAK 11/2/95	DRAWING NUMBER TRM-2138-FC-SMA-07	
CHECKED/DATE	APPROVED/DATE	SCALE: 3=1	SHEET 1 of 1