

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

1.1 FREQUENCY RANGE: DC to 18.0 GHz

1.2 ATTENUATION ACCURACY:

	DC to 12.4 GHz		12.4 GHz to 18.0 GHz	
1.2.1	0 dB	+0.75 dB	+0.75 dB	
1.2.2	1 to 4 dB	±0.75 dB	±0.75 dB	
1.2.3	5 to 8 dB	±0.75 dB	±1.00 dB	
1.2.4	9 to 12 dB	±1.00 dB	±1.25 dB	
1.2.5	13 to 20 dB	±1.50 dB	±1.50 dB	
1.2.6	21 to 40 dB	±2.00 dB	±2.00 dB	
1.2.7	41 to 60 dB	±2.50 dB	±2.50 dB	

1.3 VSWR:

1.3.1	DC to 4.0 GHz	1.25:1 MAX
1.3.2	4.0 to 12.4 GHz	1.45:1 MAX
1.3.3	12.4 to 18.0 GHz	1.65:1 MAX

2.0 MAXIMUM INPUT POWER:

2 WATTS AVERAGE AT +25°C DERATED LINEARLY TO 0.5 WATTS AT +125°C

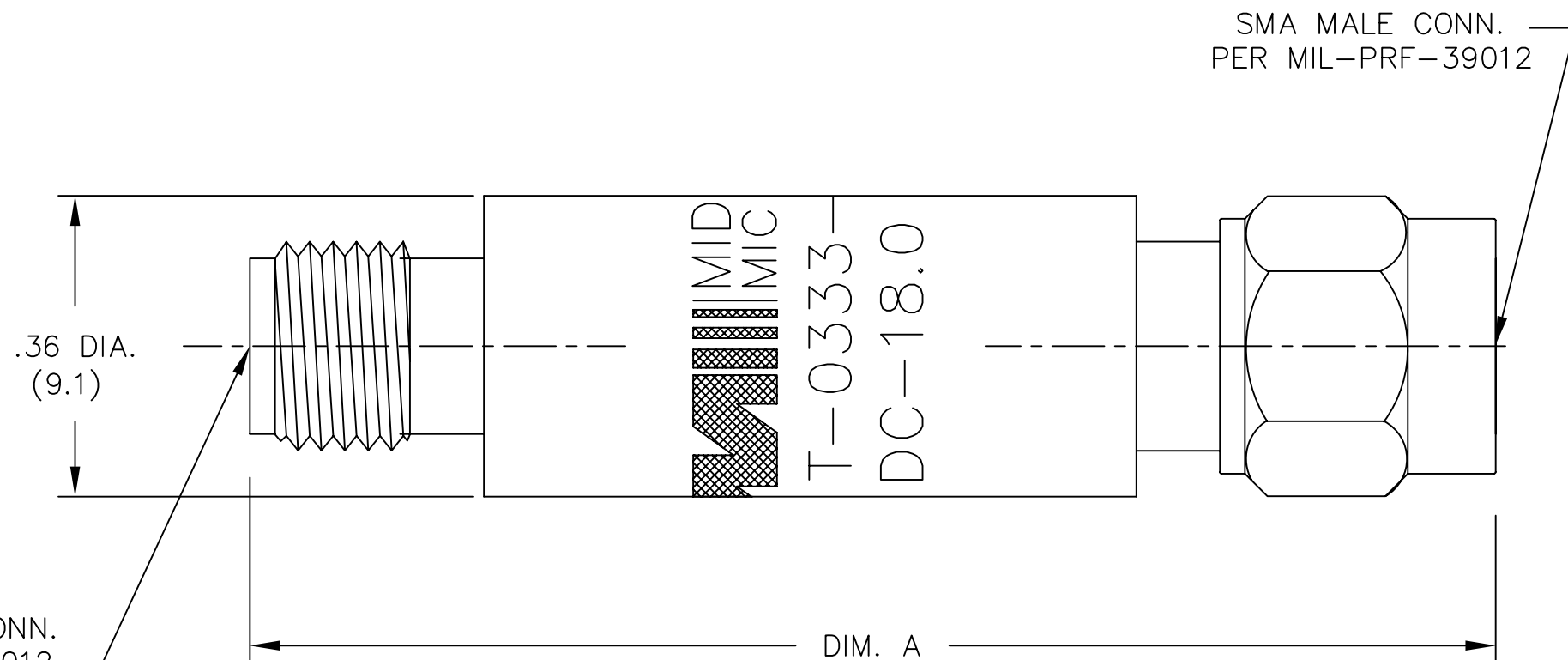
3.0 OPERATING TEMPERATURE RANGE: -65°C TO +125°C

4.0 MARKING: MARK UNIT AS SHOWN

(REF.: INK-03802-27-XX)

5.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

SMA FEMALE CONN.
PER MIL-PRF-39012



WAS DWG. 02332-01-00

MODEL NUMBER
ATT-0333-XX-SMA-02
REV.
E2

REV.	DESCRIPTION	DATE
-	RELEASED	4/2/91
A	ECR 3656	6-17-85
B	ECR 4003	11-1-85
C	ECR 4689	7-24-86
D	ECR 6545	7-20-89
E	ECR 6933	8-17-90
E1	UPDATE MODEL NO.	8/28/92
E2	ADDED TITLEBLOCK	3/30/05

21 to 60 dB	1.49(37.8)
0 to 20 dB	1.20(30.5)
-XX- ATTENUATION VALUE	DIM A

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 ATTENUATOR
DRAWN/DATE D.ESTY 8/17/90	ENG./DATE G.KOZAK 4/2/91	DRAWING NUMBER ATT-0333-XX-SMA-02	
CHECKED/DATE A.BEATTY 2/29/91	APPROVED/DATE	SCALE: 5=1	SHEET 1 of 1