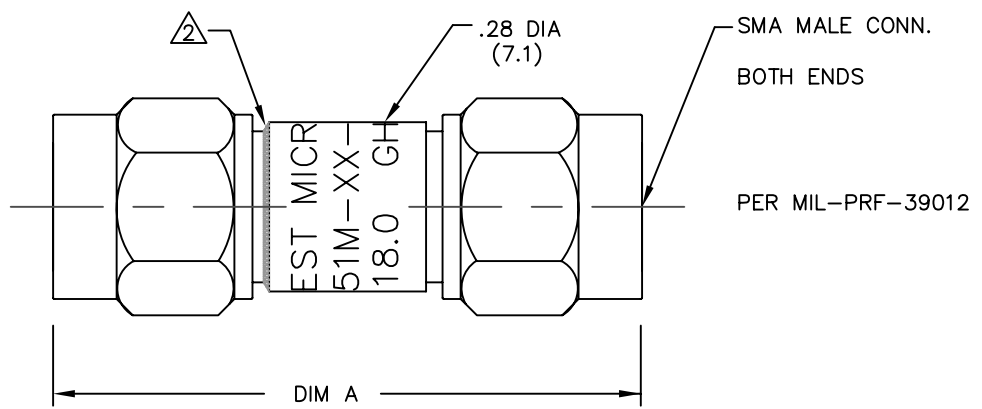


MODEL NUMBER
ATT-451M-XX-SMA-02

NOTES:

- 1.0 SPECIFICATIONS:
 1.1 FREQ. RANGE: DC to 18.0 GHz
 1.2 ATTENUATION ACCURACY:
 0dB +0.3/-0dB
 0.5 - 6dB ±0.3dB
 7 - 20dB ±0.5dB
 21 - 30dB ±1.0dB
 1.3 MAXIMUM VSWR: ALL OTHER
 0.5dB dB VALUES
 DC to 4.0 GHz: 1.12:1 1.12:1
 4.0 to 8.0 GHz: 1.18:1 1.15:1
 8.0 to 18.0 GHz: 1.25:1 1.20:1
 1.4 MAXIMUM INPUT POWER: 2 WATTS AVG
 AT +25°C DERATED LINEARLY TO
 0.5 WATTS AT +125°C
 1.5 OPERATING TEMP. RANGE: -65°C to +125°C



② EPOXY UNIT PER EPX-08000-44-01

3.0 MARKING

3.1 MARK UNIT AS SHOWN:
 (REF.: INK-03828-27-XX)

4.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

ATTENUATION VALUE	DIM A
1 thru 12dB	.98(24.9)
13 thru 30dB	1.12(28.4)

DWG NO. WAS: 02337-01-00

REV.	DESCRIPTION	DATE
-	RELEASED	2/23/79
A	ECR 5410	6/25/87
B	ECR 6545	6/29/89
C	ECN 13253, REDRAW CAD	3/3/94
CT	ADDED TITLEBLOCK	4/5/05

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power. 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°		CAGE CODE 34078	MIDWEST MICROWAVE	
EMERSON Network Power Connectivity Solutions		TITLE ATTENUATOR OUTLINE DRAWING		
DRAWN/DATE M.HOLLMAN 3/3/94	ENG./DATE G.KOZAK 3/8/94	DRAWING NUMBER ATT-451M-XX-SMA-02-01	REV. C1	
CHECKED/DATE A.BEATTY 3/4/94	APPROVED/DATE	SCALE: 5=1	SHEET 1 of 1	