

Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)

[ATT-451M-08-SMA-02](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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: 0.5dB ALL OTHER 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

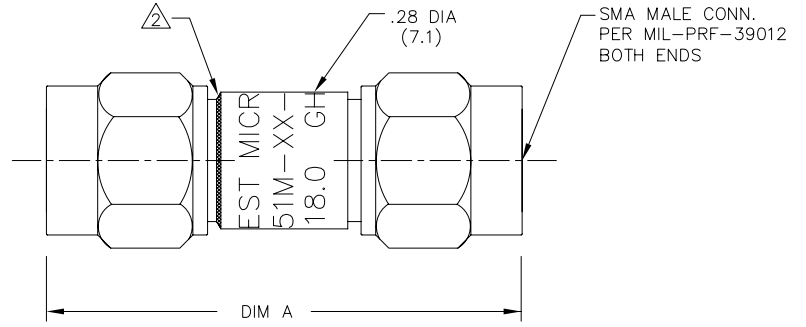
1.5 OPERATING TEMP. RANGE: -65°C to +125°C

△ 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
1	RELEASED	2/23/79
A	ECR 5410	6/25/87
B	ECR 6545	6/28/89
C	ECN 13253, REDRAW CAD	3/3/94
c1	ADDED TITLERBLOCK	4/5/05

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°	FIG. 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		DRAWING NUMBER ATT-451M-XX-SMA-02
DRAWN/DATE M. HOLLMAN 3/3/94		ENG/DATE C. KOZAK 3/8/94
CHECKED/DATE A. BEATTY 3/4/94		APPROVED/DATE
SCALE: 5=1		SHEET 1 of 1