

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Cinch Connectivity Solutions](#)

[ATT-451M-05-SMA-02](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto: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

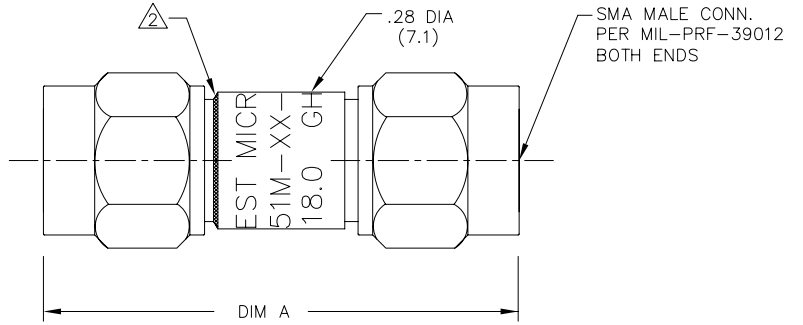
1.5 OPERATING TEMP. RANGE: -65°C to +125°C

 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. <b>34078</b>	<b>MIDWEST MICROWAVE</b>
	NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave TITLE: ATTENUATOR	
DRAWN/DATE: M.HOLLMAN 3/3/94 CHECKED/DATE: A.BEATTY 3/4/94 ENG./DATE: C.KOZAK 3/8/94 APPROVED/DATE: _____	DRAWING NUMBER: ATT-451M-XX-SMA-02	
SCALE: 5=1		SHEET 1 of 1

MODEL NUMBER  
ATT-451M-XX-SMA-02  
REV.  
C1