

## Excellent Integrated System Limited

Stocking Distributor

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

[Cinch Connectivity Solutions](#)  
[ATT-0451-14-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
31 - 40dB	±1.5dB

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

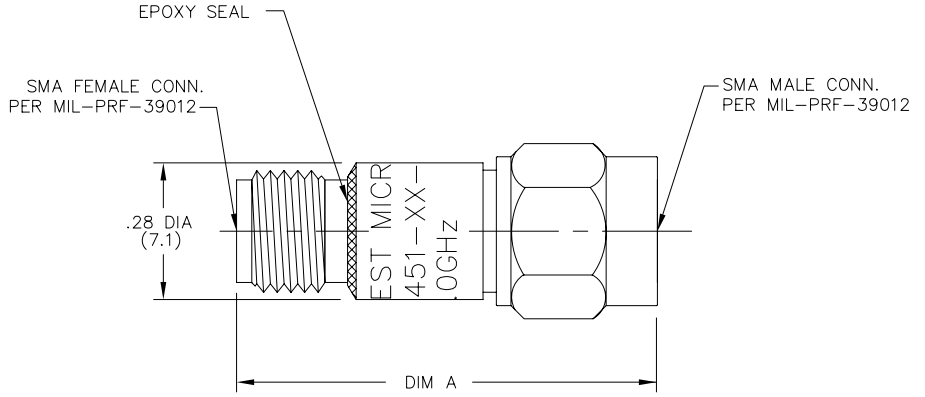
1.4 MAXIMUM INPUT POWER: 2 WATTS AVG

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

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

2.0 MARKING

2.1 MARK UNIT AS SHOWN  
(REF.: INK-03819-27-XX)



ATTENUATION VALUE	DIM A
0 to 12dB	.86(21.8)
13 to 30dB	1.02(25.9)
31 to 40dB	1.13(28.7)

SEE HISTORY FILE FOR REV. HISTORY

DWG NO. WAS: 02333-01-00

REV.	DESCRIPTION	DATE
I	RELEASED	2/15/93
M	ECR 6933	1/26/96
M1	SHOW CORR. P/N	2/15/99
N	ECN 10832	9/3/91
P	REDRAW ON CAD	2/15/93
R	ECN 19649	2/24/03
S	ECN 19828	5/14/04
S1	ADD 31-40dB IN TABLE	4/2/07

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. <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 A. BEATTY 2/15/93	ENG/DATE C. KOZAK 2/18/93	DRAWING NUMBER ATT-0451-XX-SMA-02
CHECKED/DATE M. HOLLMAN 2/17/93	APPROVED/DATE	SCALE: 5=1	SHEET 1 of 1