

## Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)

[ATT-0291-03-HEX-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 12.4 GHz
- 1.2 ATTENUATION ACCURACY:
  - 0dB +0.3dB
  - 1 to 6dB ±0.3dB
  - 7 to 20dB ±0.5dB
  - 21 to 30dB ±1.0dB
  - 40, 50 & 60dB ±2.0dB

1.3 MAXIMUM VSWR:

- 0 to 30dB: 1.07 + .015f(GHZ)
- 31 to 60dB: 1.25:1

1.4 MAXIMUM INPUT POWER:

- 2 WATTS AVG AT +25°C DERATED LINEARLY TO 0.5 WATTS AT +125°C.

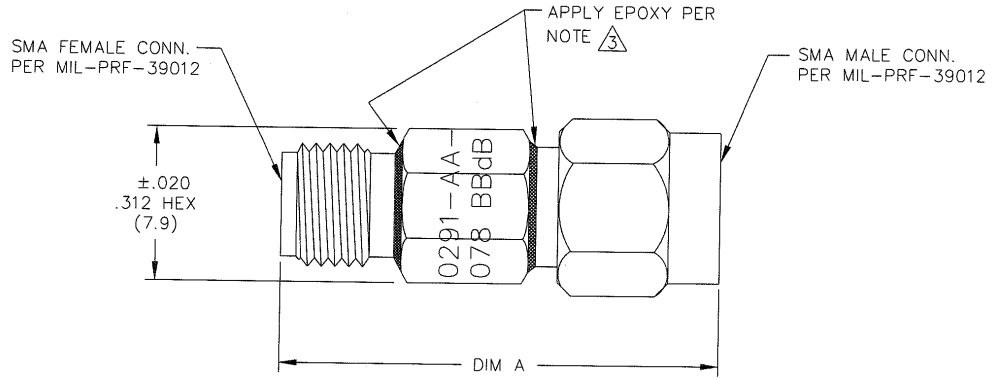
1.5 OPERATING TEMP. RANGE: -65°C to +125°C

2.0 MARKING

- 2.1 MARK UNIT AS SHOWN (REF: INK-06833-27-XX)

⚠ EPOXY SEAL FEMALE END ONLY FOR 1-30dB.  
 EPOXY SEAL MALE & FEMALE ENDS FOR 31-60dB.  
 PER EPX-08000-44-01

4.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



31 - 60dB	1.25 (31.8)
13 - 30dB	1.02 (25.9)
0 - 12dB	.86 (21.8)
ATTENUATION VALUE	DIM A

REV.	DESCRIPTION	DATE
I	RELEASED	9/15/92
A	ECR 2843	6-21-84
B	ECR 3979	10-30-88
C	ECR 4083	12-6-85
D	ECR 4684	7-17-86
E	ECR 6239	10-27-88
F	ECR 6545	7-10-88
G	REDRAW ON CAD	8/19/92
H	ECN 16216	9/16/97
H1	ADDED TITLEBLOCK	3/24/05

DWG NO. WAS: 04243-01-00

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>	TITLE ATTENUATOR
	NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave	DRAWN/DATE M.HOLLMAN 8/19/92	ENG./DATE G.KOZAK 9/15/92
	CHECKED/DATE A.BEATY 9/15/92	APPROVED/DATE	SCALE: 5=1 SHEET 1 of 1