

## Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)

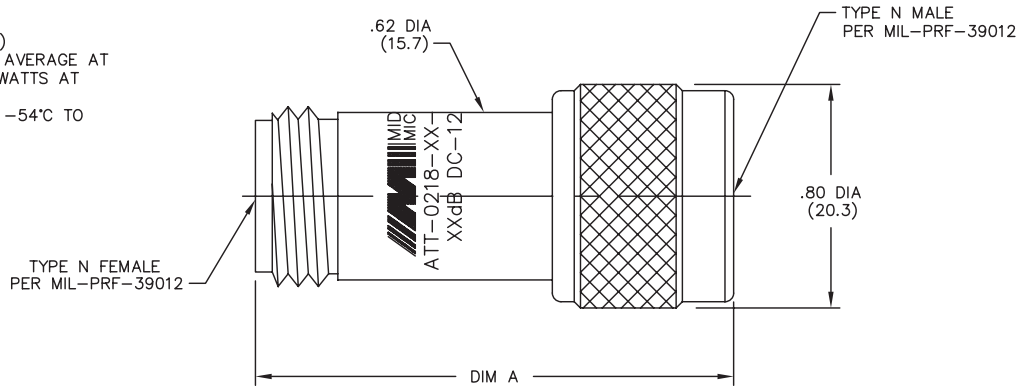
[ATT-0218-16-NNN-02](#)

For any questions, you can email us directly:

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

NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:
  - 1.1 FREQUENCY RANGE: DC to 12.4 GHz
  - 1.2 ATTENUATION VALUES: 1 THRU 60dB IN 1dB INCREMENTS
  - 1.3 ATTENUATION ACCURACY:
    - 1.3.1 1-6dB ±0.3dB
    - 1.3.2 7-20dB ±0.5dB
    - 1.3.3 21-40dB ±1.0dB
    - 1.3.4 41-60dB ±1.5dB
  - 1.4 IMPEDANCE: 50 OHMS
  - 1.5 MAXIMUM VSWR: 1.07 +0.015f(GHz)
  - 1.6 MAXIMUM INPUT POWER: 2 WATTS AVERAGE AT +40°C DERATED LINEARLY TO 0.5 WATTS AT +125°C
  - 1.7 OPERATING TEMPERATURE RANGE: -54°C TO +125°C
- 2.0 MARKING: MARK UNIT USING LABEL INK-02581-27-XX
- 3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS



21 thru 60	2.05(52.1)
0 thru 20	1.77(45.0)
dB VALUE	DIM A

REV.	DESCRIPTION	DATE
-	RELEASED	1/5/93
A	ECR 0348	6/21/79
B	ECR 2965	7/11/84
C	ECR 5722	11/20/87
D	ECR 6545	6/29/89
E	ECN 11287	7/3/92
F	REDRAW ON CAD	7/3/92
G	ECN 12349	1/29/93
G1	ADDED TITLEBLOCK	3/21/05

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Cinch Connectivity Solutions.

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°

DWG CODE <b>34078</b>		<b>MIDWEST MICROWAVE</b>	
		TITLE ATTENUATOR - TYPE N OUTLINE DRAWING	
DRAWN/DATE A. BEATTY 1/4/93	ENG/DATE G. KOZAK 1/5/93	DRAWING NUMBER ATT-0218-XX-NNN-02-01	REV. G1
CHECKED/DATE M. HOLLMAN 1/4/93	APPROVED/DATE	SCALE: 5=1	SHEET 1 of 1