

Excellent Integrated System Limited

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[Cinch Connectivity Solutions](#)

[ATT-0444-07-SMA-02](#)

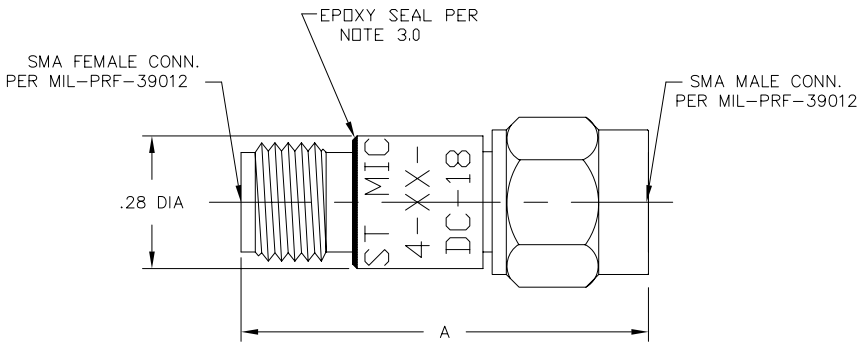
For any questions, you can email us directly:

sales@integrated-circuit.com

- NOTES:
- 1.0 ELECTRICAL SPECIFICATIONS:
 - 1.1 FREQUENCY RANGE: DC to 18.0 GHz
 - 1.2 ATTENUATION VALUES: 1 THRU 30dB IN 1dB INCREMENTS (SEE TABLE)
 - 1.3 ATTENUATION ACCURACY:

DC to 12.4 GHz	12.4 to 18.0 GHz
1 - 4dB ±0.75dB	1 - 4dB ±0.75dB
5 - 8dB ±0.75dB	5 - 8dB ±1.00dB
9 - 12dB ±1.00dB	9 - 12dB ±1.25dB
13 - 20dB ±1.50dB	13 - 20dB ±1.50dB
21 - 30dB ±2.00dB	21 - 30dB ±2.00dB
 - 1.4 MAXIMUM VSWR:

DC to 4.0 GHz:	1.25:1
4.0 to 12.4 GHz:	1.45:1
12.4 to 18.0 GHz:	1.65:1
 - 1.5 MAXIMUM INPUT POWER: 2 WATTS AVG. AT +25°C DERATED LINEARLY TO 0.5 WATTS AT +125°C
 - 1.6 OPERATING TEMP. RANGE: -65°C to +125°C
 - 2.0 MARKING: MARK UNIT AS SHOWN (REF.: INK-03815-27-XX)
 - 3.0 EPOXY UNIT AS SHOWN (REF.; EPX-08000-44-01)



ATTENUATION VALUE	DIM A
0-12 dB	.86
13-30 dB	1.02
31-40 dB	1.13

DWG NO. WAS: 02333-01-00

REV.	DESCRIPTION	DATE
I	RELEASED	2/23/79
H	ECR 5402	6/11/87
G	ECR 6269	1/1/88
J	ECR 6545	6/29/89
K	ECR 7107	1/25/90
L	ECR 7121	1/25/90
M	ECR 6933	1/26/90
N	SHOW CORR. P/N	2/15/90
O	ECN 10832	9/3/91
P	REDRAW ON CAD	4/2/92
R	ECN 14825	10/30/96
S	ECN 19049	2/24/03
T	ECN 21171	1/5/07

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. 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-0444-XX-SMA-02
SCALE: 5=1		SHEET 1 of 1