

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)

MODEL NUMBER

ATT-0444-XX-SMA-02

REV.

S

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

REV.	DESCRIPTION	DATE
-	RELEASED	2/23/79
H	ECR 5402	6/11/87
I	ECR 6269	11/1/88
J	ECR 6545	6/29/89
K	ECR 7107	1/25/90
L	ECR 7121	1/25/90
M	ECR 6933	1/26/90
M1	SHOW CORR. P/N	2/15/90
N	ECN 10832	9/3/91
O	REDRAW ON CAD	4/2/92
P	ECN 14825	10/30/96
R	ECN 19049	2/24/03
S	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

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave

DRAWN/DATE

A.BEATTY

4/2/92

CHECKED/DATE

ENG./DATE

G.KOZAK

4/9/92

APPROVED/DATE

TITLE

ATTENUATOR

DRAWING NUMBER

ATT-0444-XX-SMA-02

SCALE:

5=1

SHEET

1

of

1

DWG NO. WAS: 02333-01-00

Mouser Electronics

Authorized Distributor

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Cinch Connectivity Solutions:

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