

NOTES:

1.0 SPECIFICATIONS:

1.1 FREQ. RANGE: DC to 18.0 GHz

1.2 ATTENUATION VALUES: 0.5 to 30, 40, 50 & 60dB

1.3 ATTENUATION ACCURACY:

DC TO 12.4 GHz		12.4 TO 18.0 GHz	
0.5dB	±0.4dB	0.5dB	±0.4dB
1-4 dB	±0.75dB	1-4 dB	±0.75dB
5-8 dB	±0.75dB	5-8 dB	±1.00 dB
9-12dB	±1.00 dB	9-12dB	±1.25 dB
13-20dB	±1.50 dB	13-20dB	±1.50 dB
21-60dB	±2.00dB	21-30dB	±2.00dB

1.4 VSWR (MAX.):

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 INPUT POWER (MAX.): 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

△

EPOXY UNIT PER EPX-08000-44-01

0.5 to 30dB GET EPOXIED ON FEMALE END ONLY

31 to 60dB GET EPOXIED ON BOTH ENDS.

3.0 MARKING

3.1 MARK UNIT AS SHOWN:

(REF.: INK-06205-27-XX)

4.0 DIMENSIONS IN PARENTHESIS ARE MILLIMETERS.

△2

±.020
.312(7.9) HEX

SMA FEMALE CONN.
PER MIL-PRF-39012

SMA MALE CONN.
PER MIL-PRF-39012

DIM A

WEST MICR

0444-XX-1

dB

DC-1

MODEL NUMBER

ATT-0444-XX-HEX-02

REV.

F1

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

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

DRAWN/DATE
A.BEATTY
3/1/93

ENG./DATE
G.KOZAK
3/2/93

CHECKED/DATE
M.HOLLMAN
3/1/93

APPROVED/DATE

DRAWING NUMBER

ATT-0444-XX-HEX-02

SCALE: 5=1

SHEET 1 of 1

DRAWING NUMBER WAS:

04721-01-00 &

ATT-0444-XX-HOO-02

REV.	DESCRIPTION	DATE
-	RELEASED	6/20/83
A	ECR 4636	7/17/86
B	ECR 6808	7/26/87
C	ECR 6933	11/27/90
C1	UPDATE MODEL NO.	2/4/91
D	ON CAD/UPDATE MARKING	3/1/93
E	ECN 14371	3/23/95
F	ECN 16216	9/16/97
F1	ADDED TITLEBLOCK	4/4/05

Mouser Electronics

Authorized Distributor

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Cinch Connectivity Solutions:

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