

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

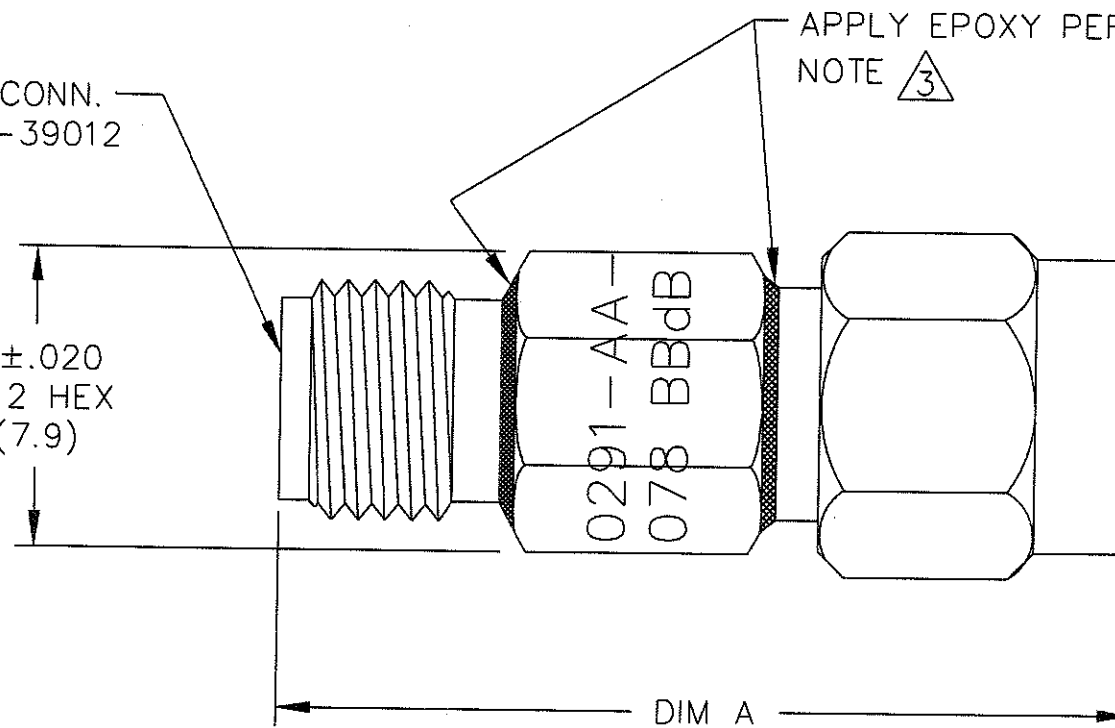
4.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

SMA FEMALE CONN.  
PER MIL-PRF-39012

APPLY EPOXY PER  
NOTE △ 3

SMA MALE CONN.  
PER MIL-PRF-39012

±.020  
.312 HEX  
(7.9)



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

MODEL NUMBER  
ATT-0291-XX-HEX-02  
REV.  
H1

REV.	DESCRIPTION	DATE
-	RELEASED	9/15/92
A	ECR 2943	6-21-84
B	ECR 3979	10-30-85
C	ECR 4083	12-6-85
D	ECR 4684	7-17-86
E	ECR 6239	10-27-86
F	ECR 6545	7-10-89
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>	
	NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave	TITLE ATTENUATOR	
DRAWN/DATE M.HOLLMAN 8/19/92	ENG./DATE G.KOZAK 9/15/92	DRAWING NUMBER ATT-0291-XX-HEX-02	
CHECKED/DATE A.BEATTY 9/15/92	APPROVED/DATE	SCALE: 5=1	SHEET 1 of 1