

NOTES:

1.0 SPECIFICATIONS:

1.1 FREQ. RANGE: DC TO 18.0 GHz

1.2 ATTENUATION ACCURACY:

0dB:	±0.3/-0dB
0.5 - 6dB:	±0.3dB
6.5 - 20dB:	±0.5dB
20.5 - 30dB:	±1.0dB
31 - 40dB:	±1.5dB
40 - 60dB:	±2.0dB

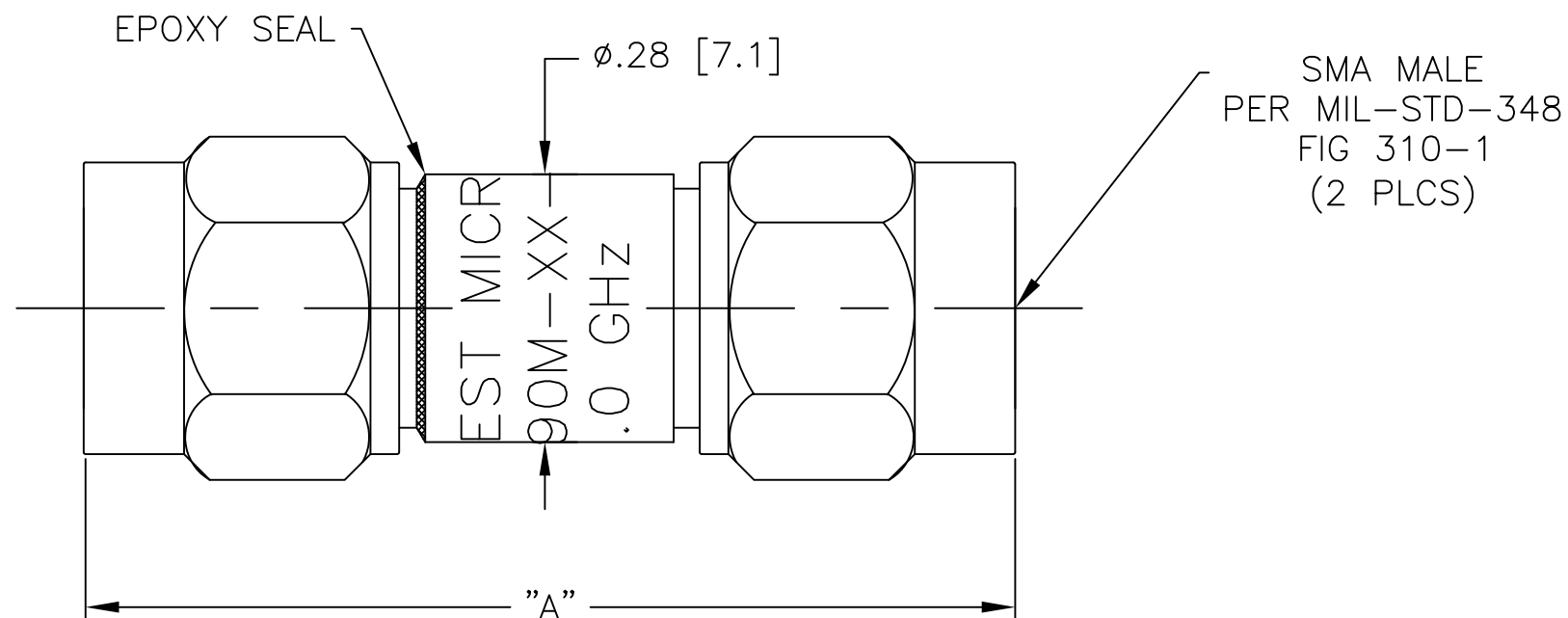
1.3 MAXIMUM VSWR:  $1.07 + .015 f$  (GHz)

1.4 MAXIMUM INPUT POWER: 2 WATTS AVG

AT +25°C DERATED LINEARLY  
0.5 WATTS AT +125°C

1.5 OPERATING TEMP. RANGE: -65°C TO +125°C

2.0 DIMENSIONS IN BRACKETS ARE IN MILLIMETERS.



ATTENUATION VALUE	"A"
1 thru 12.5dB	.98 [24.9]
13 thru 30dB	1.12 [28.4]
31 thru 60dB	1.23 [31.2]

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.

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'

CAGE CODE

34078

MIDWEST MICROWAVE



**EMERSON**  
Network Power  
Connectivity Solutions

TITLE  
ATTENUATOR  
0 - 60 dB  
OUTLINE DRAWING

DRAWN/DATE  
A.BEATTY  
9/10/01

ENG./DATE  
G.KOZAK  
9/23/91

CHECKED/DATE  
C.RICKARD  
9/10/91

APPROVED/DATE

DRAWING NUMBER  
ATT-290M-XX-SMA-02-01

REV.  
E

SCALE: NTS SHEET 1 of 1

REV.	DESCRIPTION	DATE
-	RELEASED	9/23/91
A	ECR 5410	6/25/87
B	ECR 6545	6/29/89
B1	REDRAW ON CAD	9/10/91
B2	UPDATE MODEL NO.	9/29/92
C	ECN 12401	2/10/93
D	ECN 20048	8/23/04
E	ECO 23954	11/15/11