



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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NOTES:

1.0 SPECIFICATIONS:

1.1 FREQ. RANGE: DC TO 18.0 GHz

1.2 ATTENUATION ACCURACY:

0dB:	+0.75/-0dB
0.5-4dB:	±0.75dB
4.5-8dB:	±1.0dB
8.5-12dB:	±1.25dB
12.5-20dB:	±1.5dB
20.5-40dB:	±2.0dB
41-60dB:	±2.5dB

1.3 MAXIMUM VSWR:

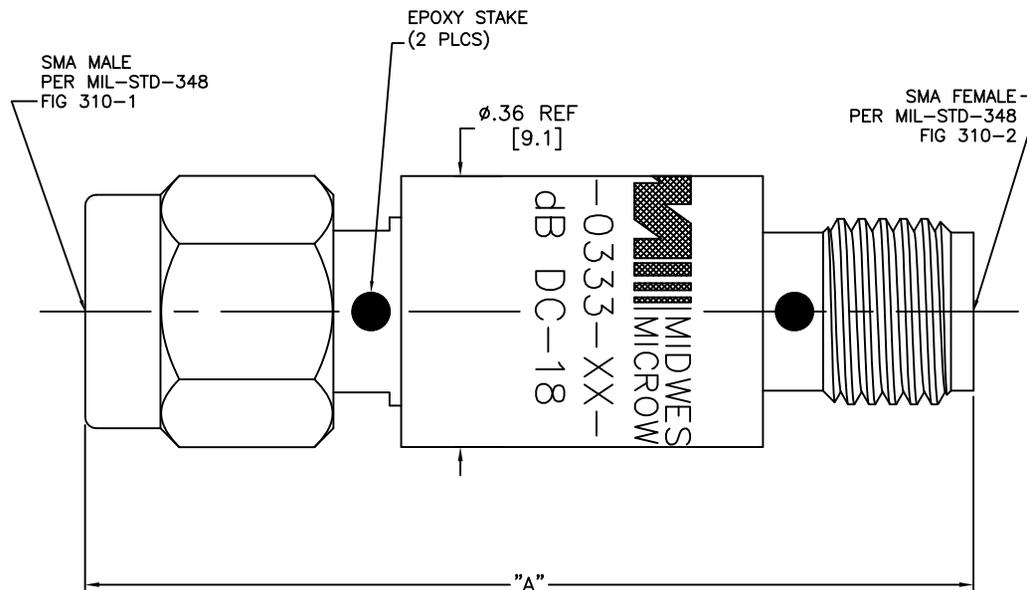
DC-4.0GHz:	1.25:1 MAX
4.0-12.4GHz:	1.45:1 MAX
12.4-18.0GHz:	1.65:1 MAX

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 DIMENSIONS IN BRACKETS ARE IN MILLIMETERS.



31 to 60 dB	1.30 [37.8]
0 to 30 dB	1.20 [30.5]
-XX- ATTENUATION VALUE	"A"

REV.	DESCRIPTION	DATE
-	RELEASED	4/2/91
A-D	SEE HISTORY FILE	01/06/12
E	ECR 3633	8/17/90
E1	UPDATED MODEL NO	8/29/92
E2	ADDED TITLEBLOCK	3/30/06
F	ECO 24018	12/21/11

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		<b>ATTENUATOR 0-60 dB OUTLINE DRAWING</b>	
<small>DESIGNED BY</small> D.ES17 8/15/90	<small>ENG. DATE</small> G.KOZAK 8/26/90	<small>DRAWING NUMBER</small> ATT-0333-XX-SMA-02-01	<small>REV.</small> F
<small>CHECKED BY</small> A.BEATTY 8/26/90	<small>APPROVED/DATE</small>	<small>SCALE:</small> 8:1	<small>SHEET</small> 1 of 1