



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

0-45 MHz / 50-100 MHz Cavity Duplexer

Part Number: AE22-75DB5252

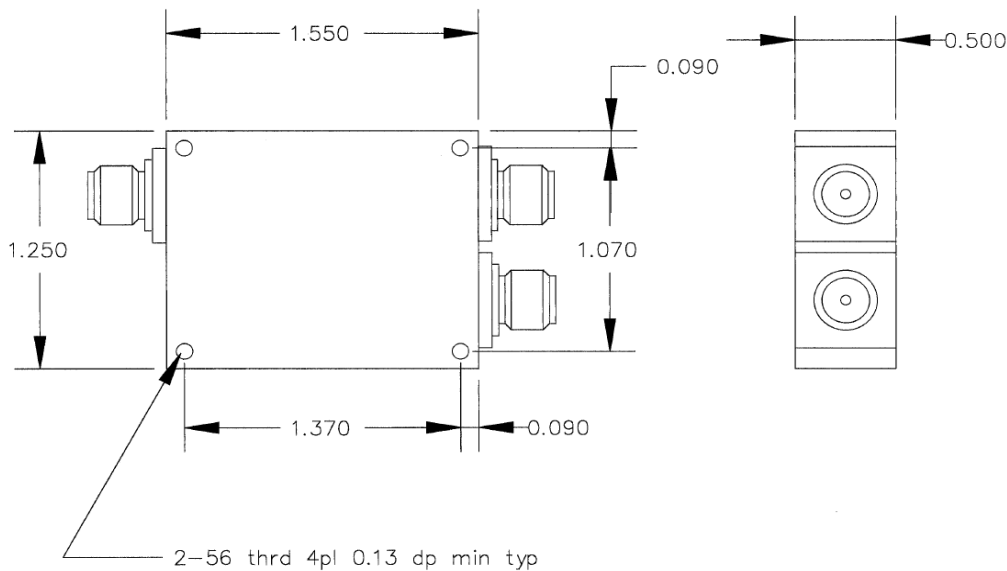


<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
Passband:	0-45 MHz	50-100 MHz
Bandwidth:	45 MHz	50 MHz
Passband Insertion Loss:	≤ 1.0dB	≤ 1.0dB
Passband Return Loss:	≥ 14dB	≥ 14dB
Isolation:	>35dB	>35dB

<u>Mechanical</u>	
Connector Type:	SMA (F)
Dimensions:	1.55 x 1.25 x 0.5 inches.

<u>Environmental</u>	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +85 deg.C

Outline Drawing:





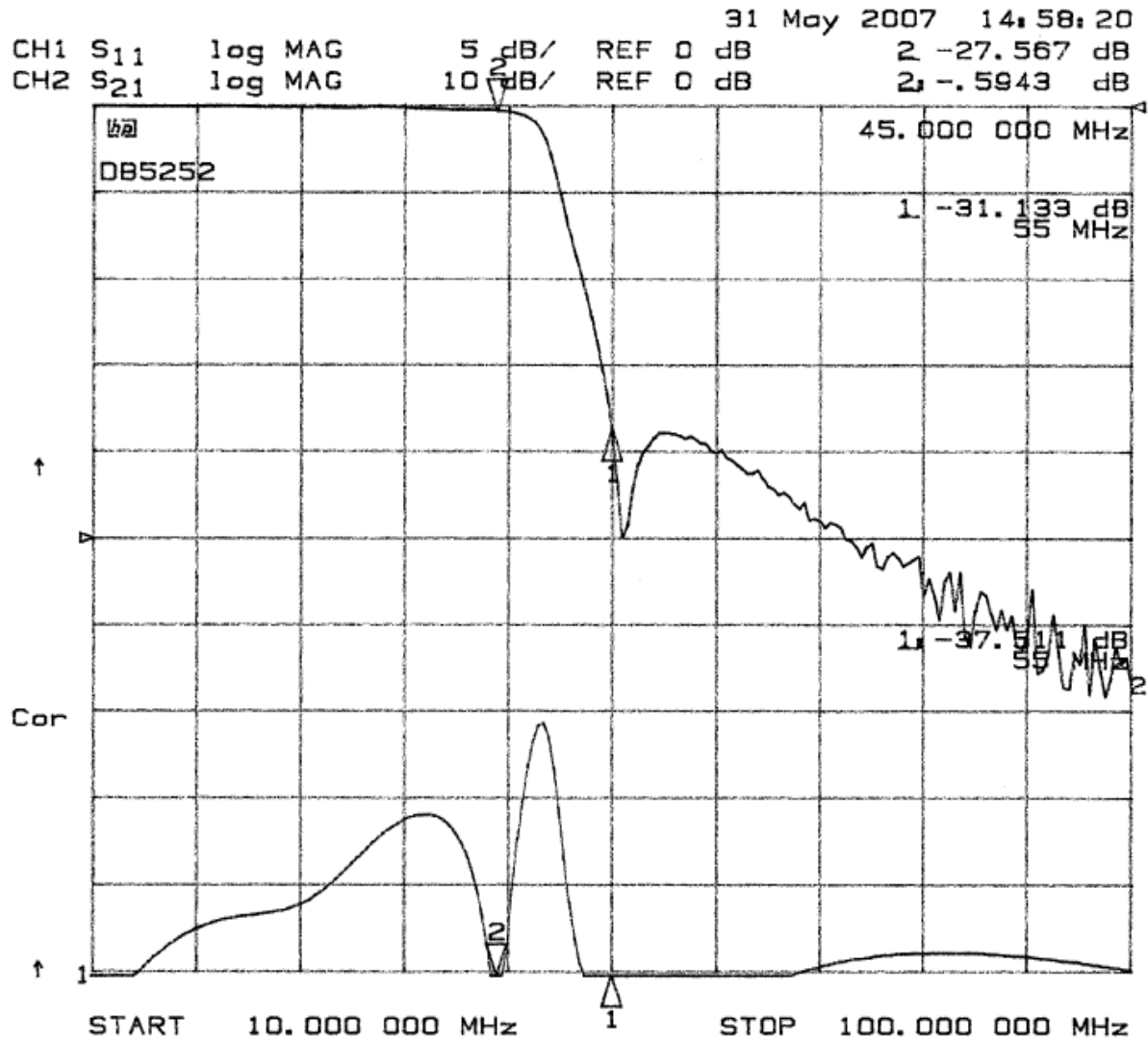
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Cavity Diplexer**

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Response Plot-1:





Response Plot-2:

