



# 890-905 MHz / 935-950 MHz -GSM-Cavity Duplexer



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

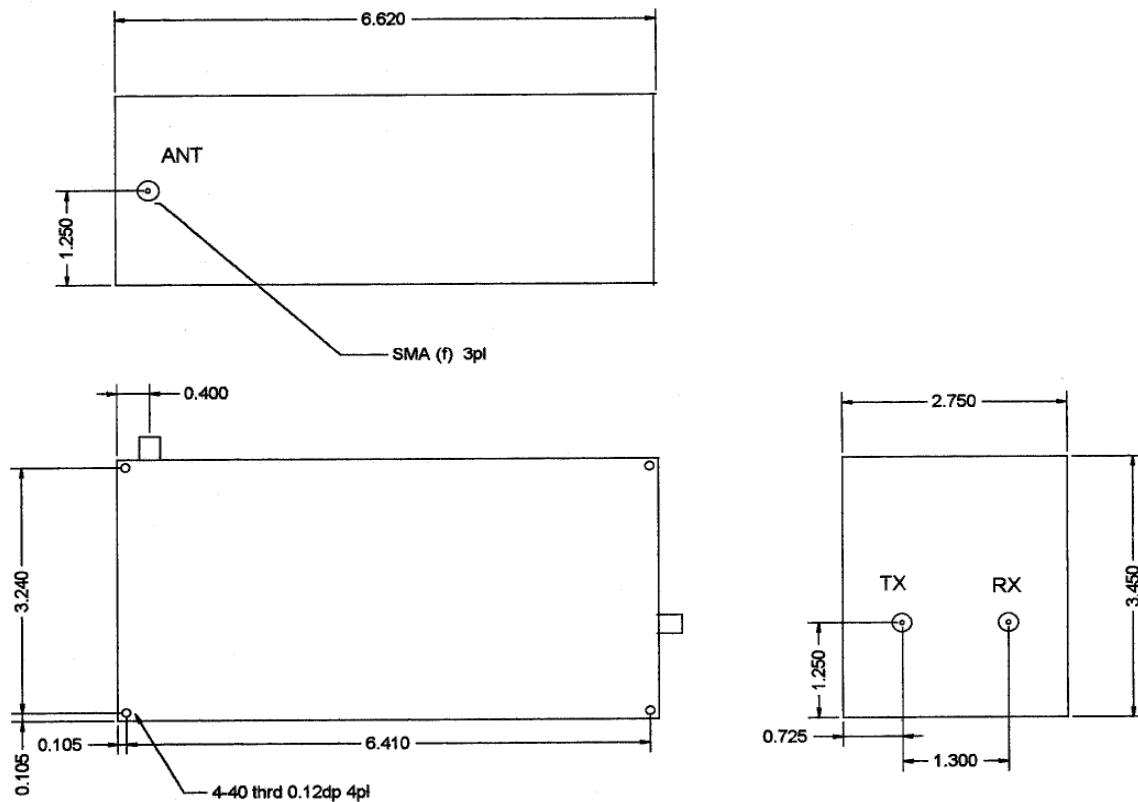
**Part Number: AE897-942DB3056**

<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	890-905 MHz	935-950 MHz
<b>Bandwidth:</b>	15 MHz	15 MHz
<b>Passband Insertion Loss:</b>	≤ 1.0dB	≤ 1.0dB
<b>Passband Return Loss:</b>	≥ 17dB	≥ 17dB
<b>Isolation:</b>	≥ 70dB	≥ 70dB

<u>Mechanical</u>	
<b>Mounting Method:</b>	Threaded Mounting Holes
<b>Connector Type:</b>	SMA(F)
<b>Dimensions:</b>	6.62 x 3.45 x 2.75 inches.

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

## Outline Drawing:





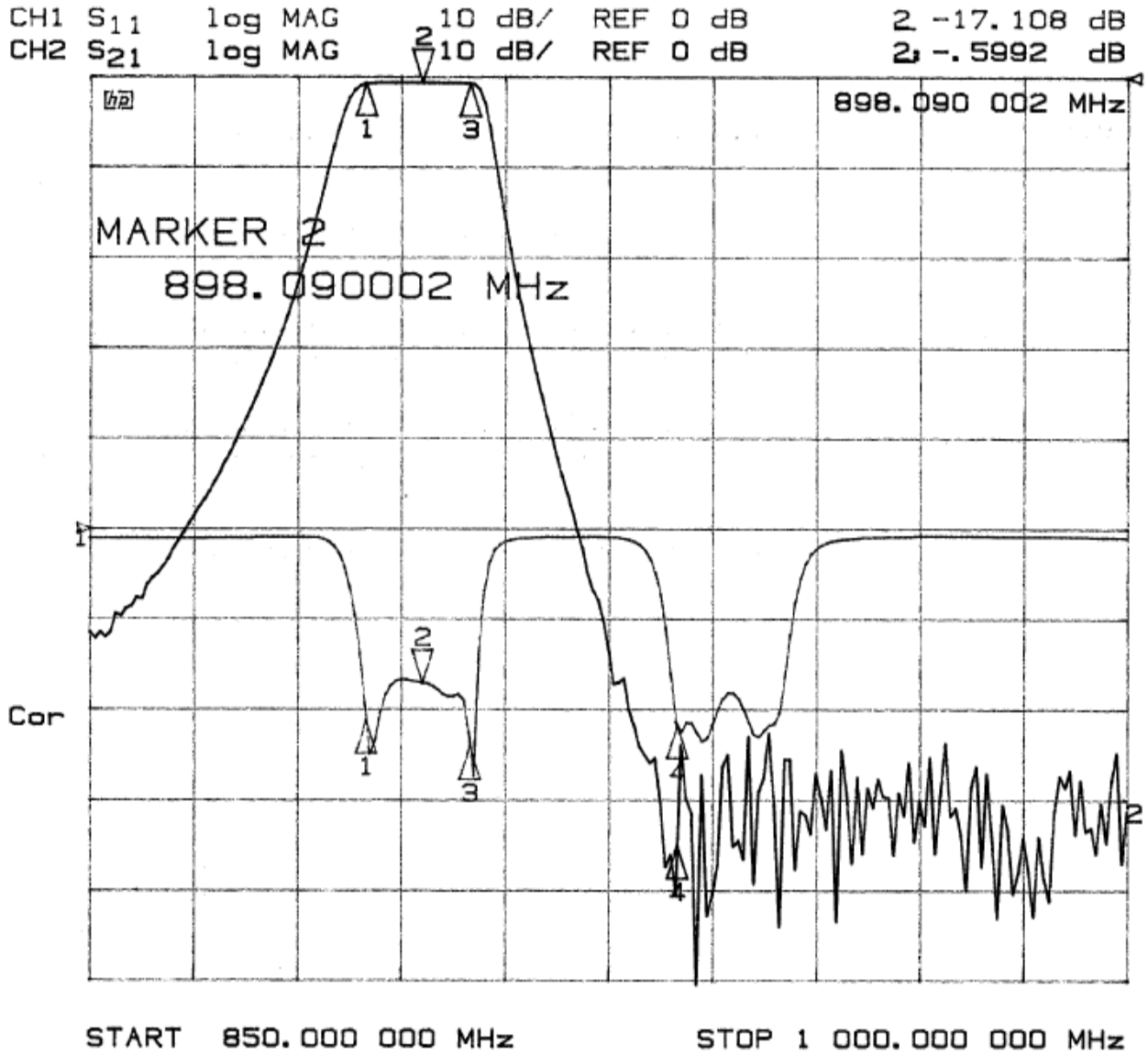
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**Response Plot-1 :**





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**Response Plot-2 :**

