



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

## 240-270 MHz / 290-320 MHz Cavity Duplexer

**Part Number: AE255-305DB5253**

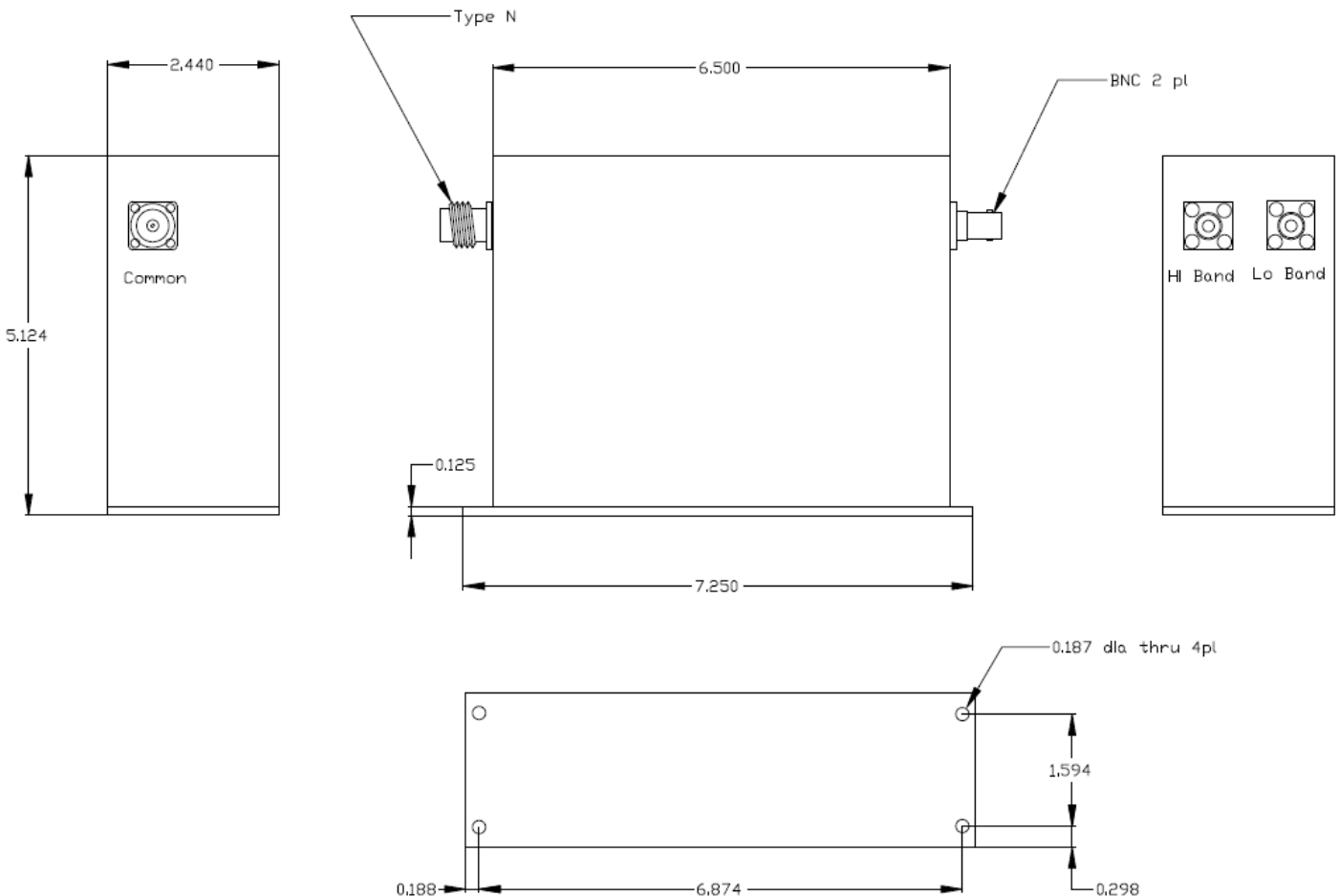


<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	240-270 MHz	290-320 MHz
<b>Bandwidth:</b>	30 MHz	30 MHz
<b>Passband Return Loss:</b>	> 15 dB	> 15 dB
<b>Passband Insertion Loss:</b>	< 3.5 dB	< 3.5 dB
<b>Passband Ripple:</b>	0.2 dB	0.2 dB
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	> 40 dB	> 40 dB

<u>Mechanical</u>	
<b>Mounting Method:</b>	Threaded Mounting Holes
<b>Connector Type:</b>	Type N / BNC
<b>Dimensions:</b>	6.5 x 5.124 x 2.440 inches

<u>Environmental</u>	
<b>Operating Temperature:</b>	-40 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

### Outline Drawing:





**Response Plots:**

