



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

**452.5-457.475 MHz / 462.5-467.475 MHz  
Cavity Duplexer**

**Part Number: AD454-464D275**

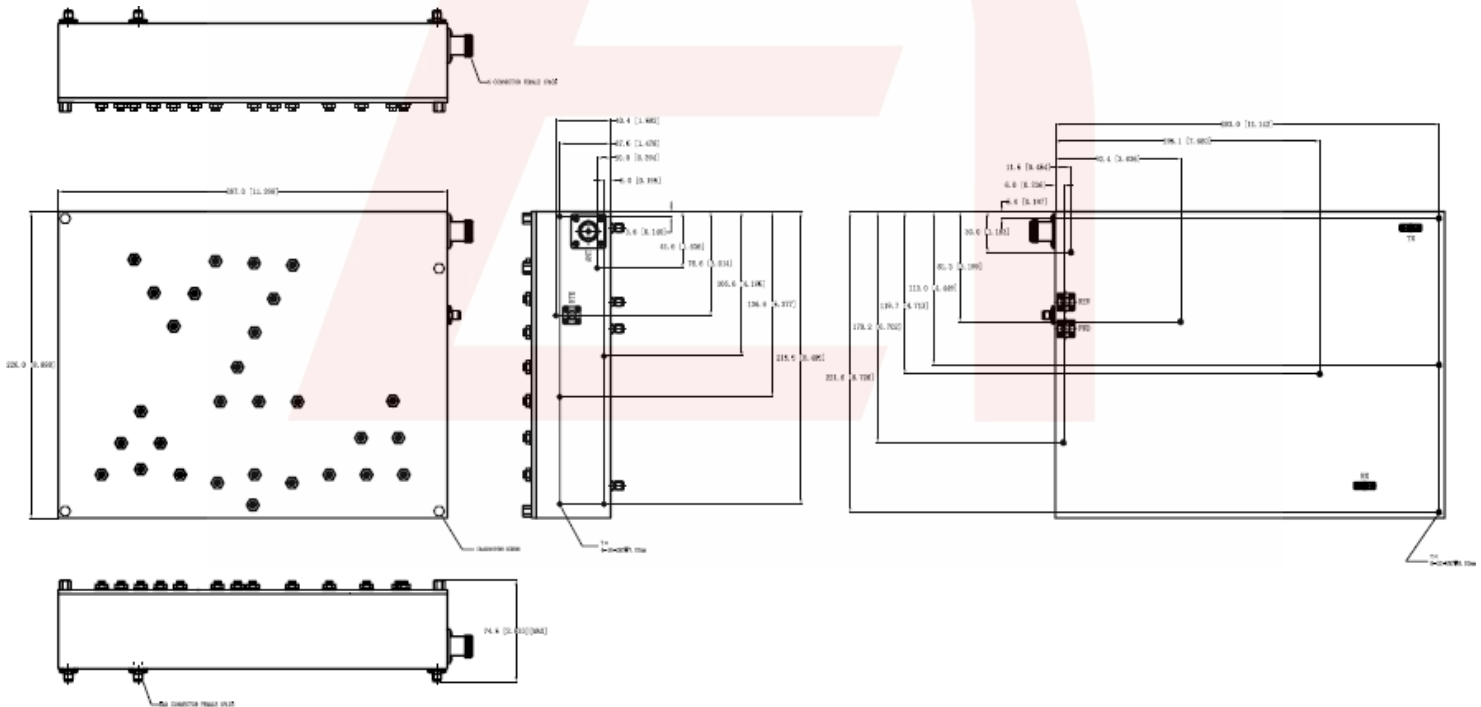


<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	452.5-457.475 MHz	462.5-467.475 MHz
<b>Bandwidth:</b>	4.975 MHz	4.975 MHz
<b>Passband Return Loss:</b>	19 dB	19 dB
<b>Passband Insertion Loss:</b>	1.5 dB	1.5 dB
<b>Passband Ripple:</b>	0.2 dB	0.2 dB
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	60 dB	60 dB
<b>Power Handling:</b>		

<u>Mechanical</u>	
<b>Mounting Method:</b>	Threaded Mounting Holes
<b>Connector Type:</b>	N-Type (F)
<b>Dimensions:</b>	287 x 226 x 65 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-40 to +85 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

**Outline Drawing:**



DS-D275-08202015-Rev1



### Response Plot

