



# 769-775 MHz / 799-805 MHz Cavity Duplexer

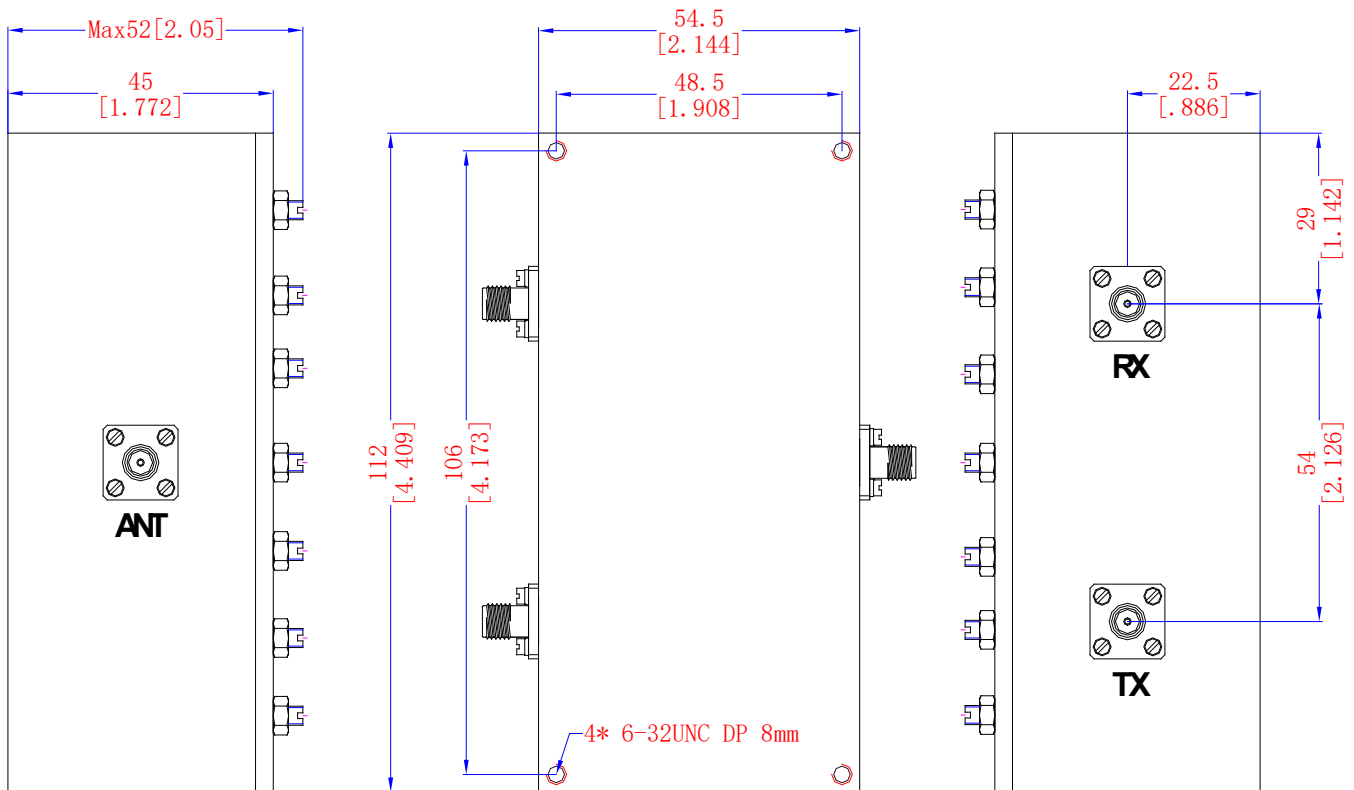


**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**Part Number: AE772-802DB5490**

<u>Characteristics</u>	<u>Band 1(RX)</u>	<u>Band 2(TX)</u>	<u>Mechanical</u>	
<b>Passband:</b>	769-775 MHz	799-805 MHz	<b>Mounting Method:</b>	Threaded Holes
<b>Bandwidth:</b>	6 MHz	6 MHz	<b>Connector Type:</b>	SMA(F)
<b>Return Loss:</b>	15 dB Min.	15 dB Min.	<b>Dimensions:</b>	4.4 x 2.14 x 2.05 in.
<b>Insertion Loss:</b>	1.0 dB Max.	1.0 dB Max.	<b>Dimensions :</b>	112 X 54.5 X 5 mm.
<b>Isolation:</b>	40 dB Min.	40 dB Min.	<u>Environmental</u>	
<b>Power Handling:</b>	50 Watts	50 Watts	<b>Operating Temperature:</b>	-40 to +70 deg.C
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms	<b>Storage Temperature:</b>	-55 to +85 deg.C
			<b>Shock:</b>	20 G. 11ms
			<b>Vibration:</b>	20 G. 5 to 200Hz

## Outline Drawing:



Tolerance: +/-0.01 inches [ +/- 0.3mm]

Angles: +/- 1 Deg.

\*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.