



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

# LTE Band 30 Cavity Duplexer

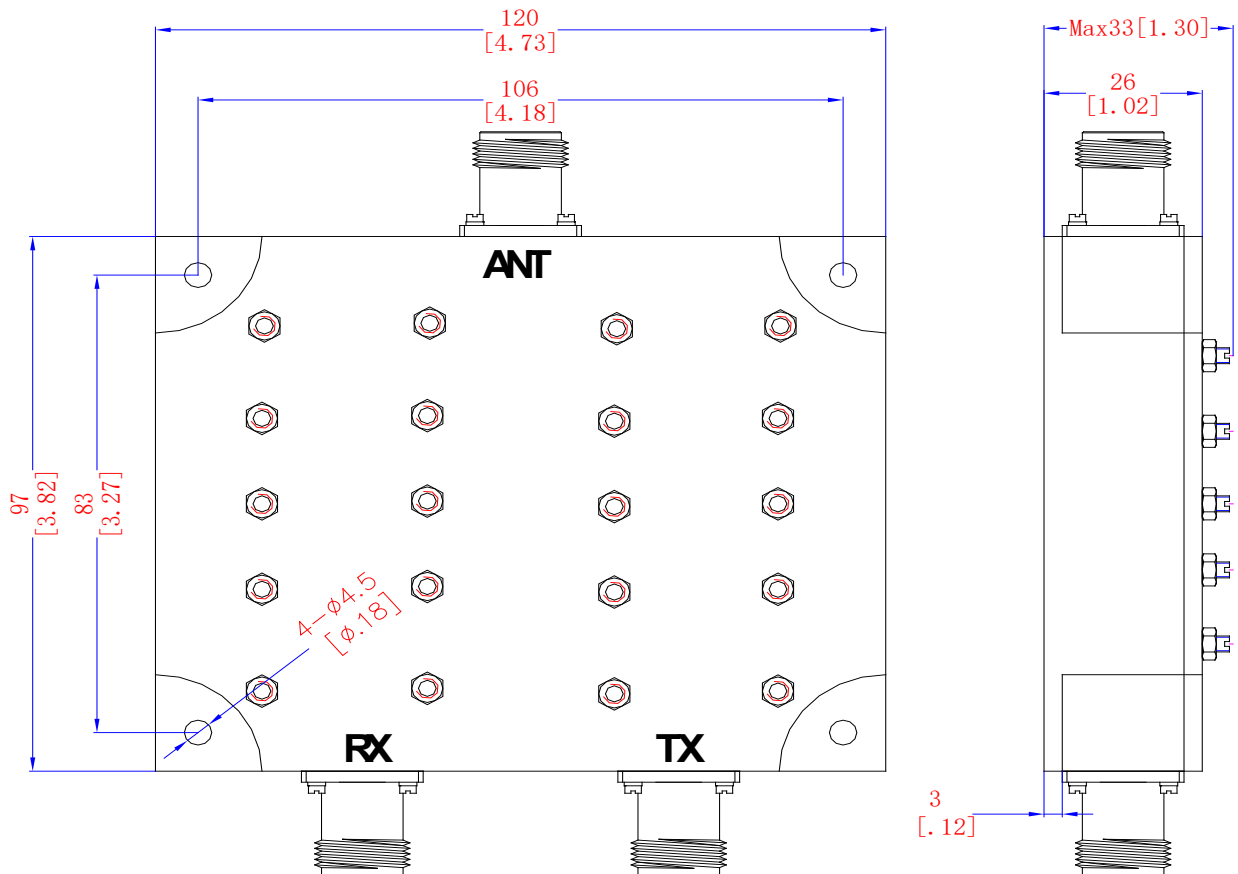
## Part Number: AE2310-2355DB5473



<u>Characteristics</u>	<u>Band 1 (Rx)</u>	<u>Band 2 (Tx)</u>
<b>Frequency range:</b>	2305-2315 MHz	2350-2360 MHz
<b>Insertion loss:</b>	≤1.0 dB	≤1.0 dB
<b>Return loss:</b>	≥15 dB	≥15 dB
<b>Isolation:</b>	≥70 dB	≥70 dB
<b>Power Handling:</b>	50 Watts Max.	
<b>Impedance:</b>	50 Ohms	

<u>Mechanical</u>	
<b>Mounting Method:</b>	Through Holes
<b>Connector Type:</b>	N-Type (F)
<b>Dimensions:</b>	4.73 x 3.82 x 1.02 in.
<u>Environmental</u>	
<b>Operating Temperature:</b>	-30 to +70 deg.C
<b>Storage Temperature:</b>	-40 to +80 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.

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