



450.625-452.625 / 457.625-459.625 MHz Cavity Duplexer

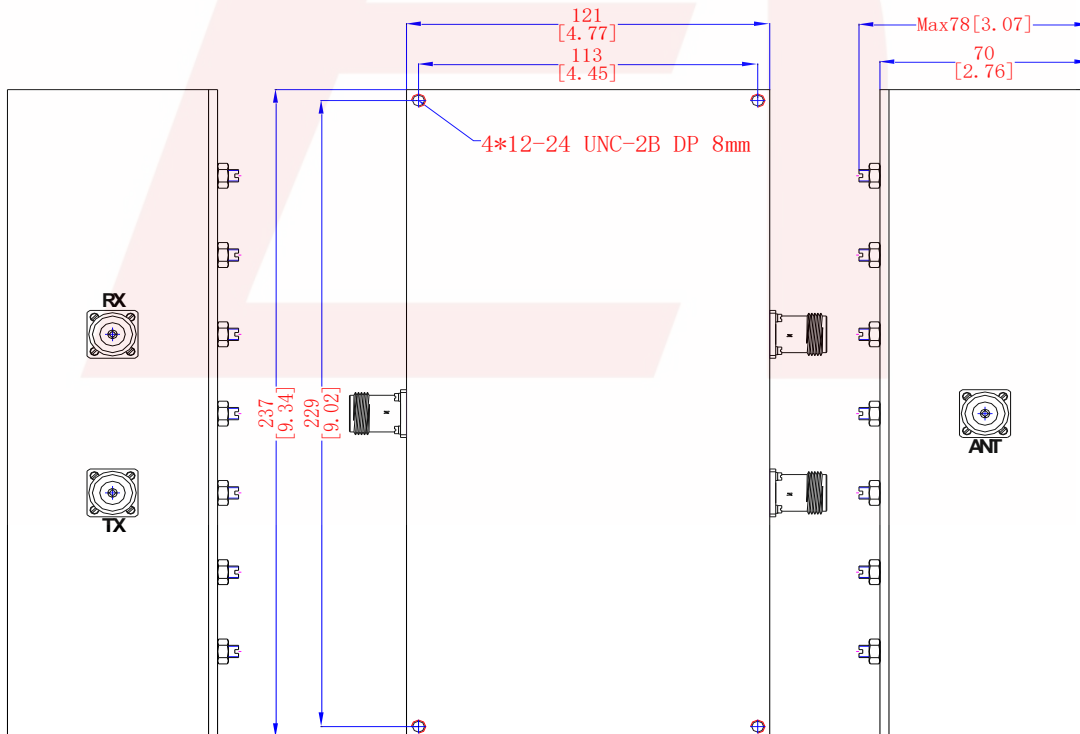


ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE452-457DB5495

<u>Characteristics</u>	<u>Band 1(RX)</u>	<u>Band 2(TX)</u>	<u>Mechanical</u>	
Passband:	450.625-452.625 MHz	457.625-459.625 MHz	Mounting Method:	Threaded Holes
Bandwidth:	2 MHz min.	2 MHz min.	Connector Type:	N-Type (F)
Band Edge (BE)	452.625 MHz	457.625 MHz	Dimensions:	9.34 x 4.77 x 3.07 in.
Ins. Loss @BE	1.3dB Max.	1.6 dB Max.	Dimensions (mm):	237 X 121 X 78 mm.
Return Loss:	14 dB Min.	14 dB Min.	<u>Environmental</u>	
Isolation:	50 dB Min.	50 dB Min.	Operating Temperature:	-40 to +70 deg.C
Power Handling:	70 Watts	70 Watts	Storage Temperature:	-55 to +85 deg.C
Input / Output Impedance:	50 Ohms	50 Ohms	Shock:	20 G. 11ms
			Vibration:	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.

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