



4400-4625 MHz / 4775-5000 MHz Cavity Duplexer

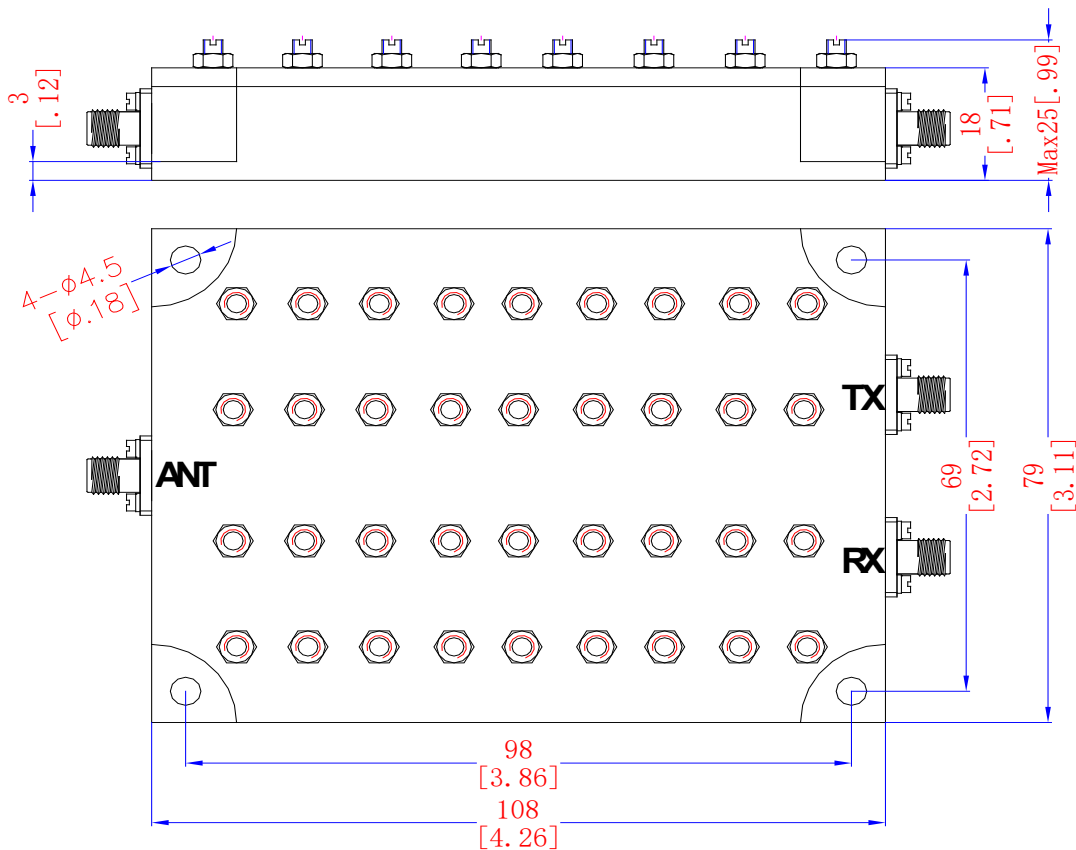


ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE4512-4887DB5488

<u>Characteristics</u>	<u>Band 1(RX)</u>	<u>Band 2(TX)</u>	<u>Mechanical</u>	
Passband:	4400-4625 MHz	4775-5000 MHz	Mounting Method:	Through Holes
Bandwidth:	225 MHz	225 MHz	Connector Type:	SMA(F)
Return Loss:	15 dB Min.	15 dB Min.	Dimensions:	4.26 x 3.11 x 0.99 in.
Insertion Loss:	1.0 dB Max.	1.0 dB Max.	Dimensions :	108 X 79 X 25 mm.
Isolation:	100 dB Min.	100 dB Min.	<u>Environmental</u>	
Power Handling:	50 Watts	50 Watts	Operating Temperature:	-40 to +70 deg.C
Input / Output Impedance:	50 Ohms	50 Ohms	Storage Temperature:	-55 to +85 deg.C
			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.

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