



4940-4990 MHz / 6425-6525 MHz Cavity Duplexer

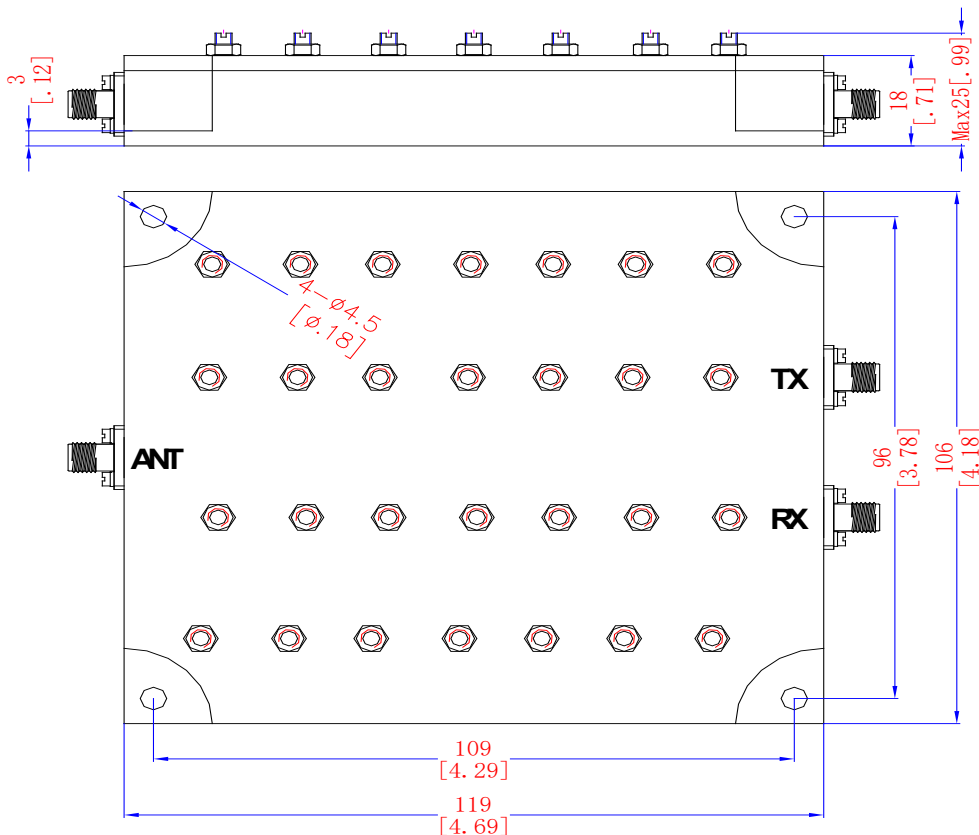


ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE4965-6475DB5486

<u>Characteristics</u>	<u>Band 1(RX)</u>	<u>Band 2(TX)</u>	<u>Mechanical</u>	
Passband:	4940-4990 MHz	6425-6525 MHz	Mounting Method:	Through Holes
Bandwidth:	50 MHz	100 MHz	Connector Type:	SMA(F)
Return Loss:	15 dB Min.	15 dB Min.	Dimensions:	4.69 x 4.18 x 0.99 in.
Insertion Loss:	1.2 dB Max.	1.5 dB Max.	Dimensions (mm):	119 X 106 X 25 mm.
Rejection:	50dB Min @ 5010 MHz	50dB Min @ 6405MHz	<u>Environmental</u>	
Power Handling:	25 Watts	25 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.