



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

14.4-14.92 GHz / 15.15-15.35 GHz Duplexer

Part Number: AE14660-15250DB5310

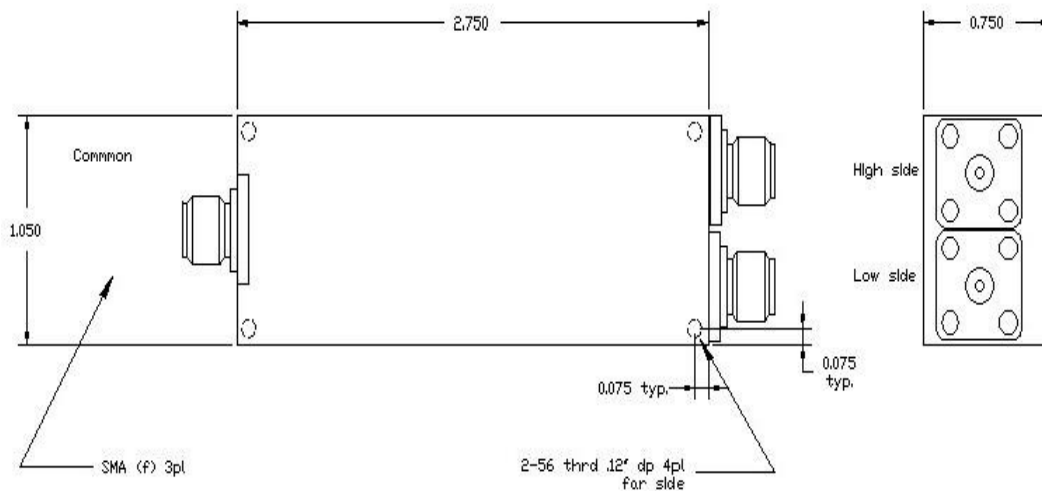


<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
Passband:	14.4 – 14.92 GHz	15.15 – 15.35 GHz
Bandwidth:	520 MHz	200 MHz
Passband Return Loss:	10dB Min.	10dB Min.
Passband Insertion Loss:	3.5dB Max.	3.5dB Max.
Input / Output Impedance:	50 Ohms	50 Ohms
Rejection:	50dB Min. @15.15-15.35 GHz	60dB Min. @14.4-14.89 GHz

<u>Mechanical</u>	
Mounting Method:	2-56 Threaded Holes
Connector Type:	SMA-(F)
Dimensions:	2.75 x 1.05 x 0.75 inches

<u>Environmental</u>	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C

Outline Drawing:



2 decimal places: +/- 0.01 inches [+/- 0.3mm]
3 decimal places: +/- 0.005 inches [+/- 0.13mm]
Angles: +/- 1 Deg.
When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

Reference DCR: D052219-02A