



219.75 MHz Cavity Band Stop/Notch Filter

Part Number: AE219N2236



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical Specifications

Notch Center Frequency: 219.75 MHz

Notch Bandwidth: 500 KHz

Rejection In BW: 40dB Min.

Passband Below Notch: 174-216 MHz.

Passband Above Notch: 470-608 MHz

Insertion Loss: 1.0dB Max.

Return Loss: 15 dB Min.

Impedance: 50Ohms

Mechanical

Mounting Method: 4-40 Threaded Holes

Connector Type: F-Type(F)

Dimensions: 7.66" X 2.45" x 1.0" .

Environmental

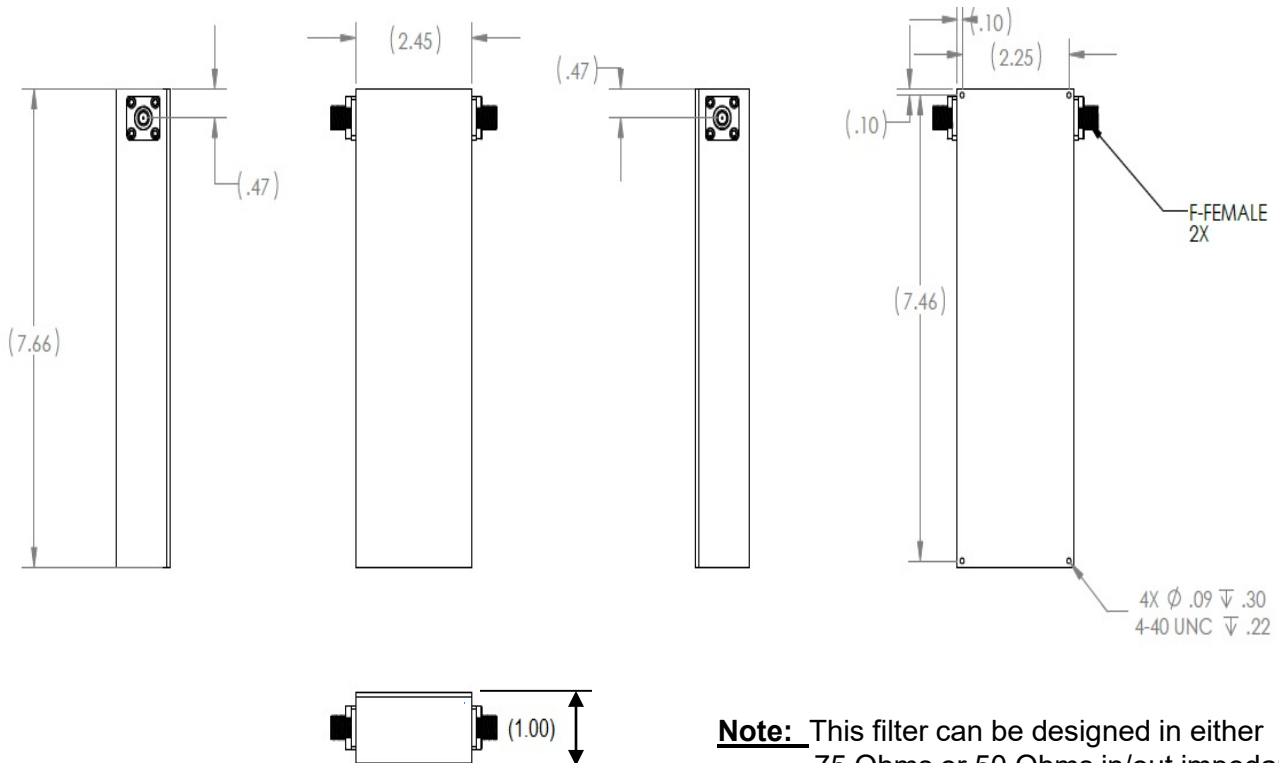
Operating Temperature: -45°C to +85°C

Storage Temperature: -55°C to +95°C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200Hz

Outline Drawing:



Note: This filter can be designed in either 75 Ohms or 50 Ohms in/out impedance. Please indicate that by adding a -75 or -50 at the end of the part number.

AE219N2236-50 for 50 Ohms
AE219N2236-75 for 75 Ohms

Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

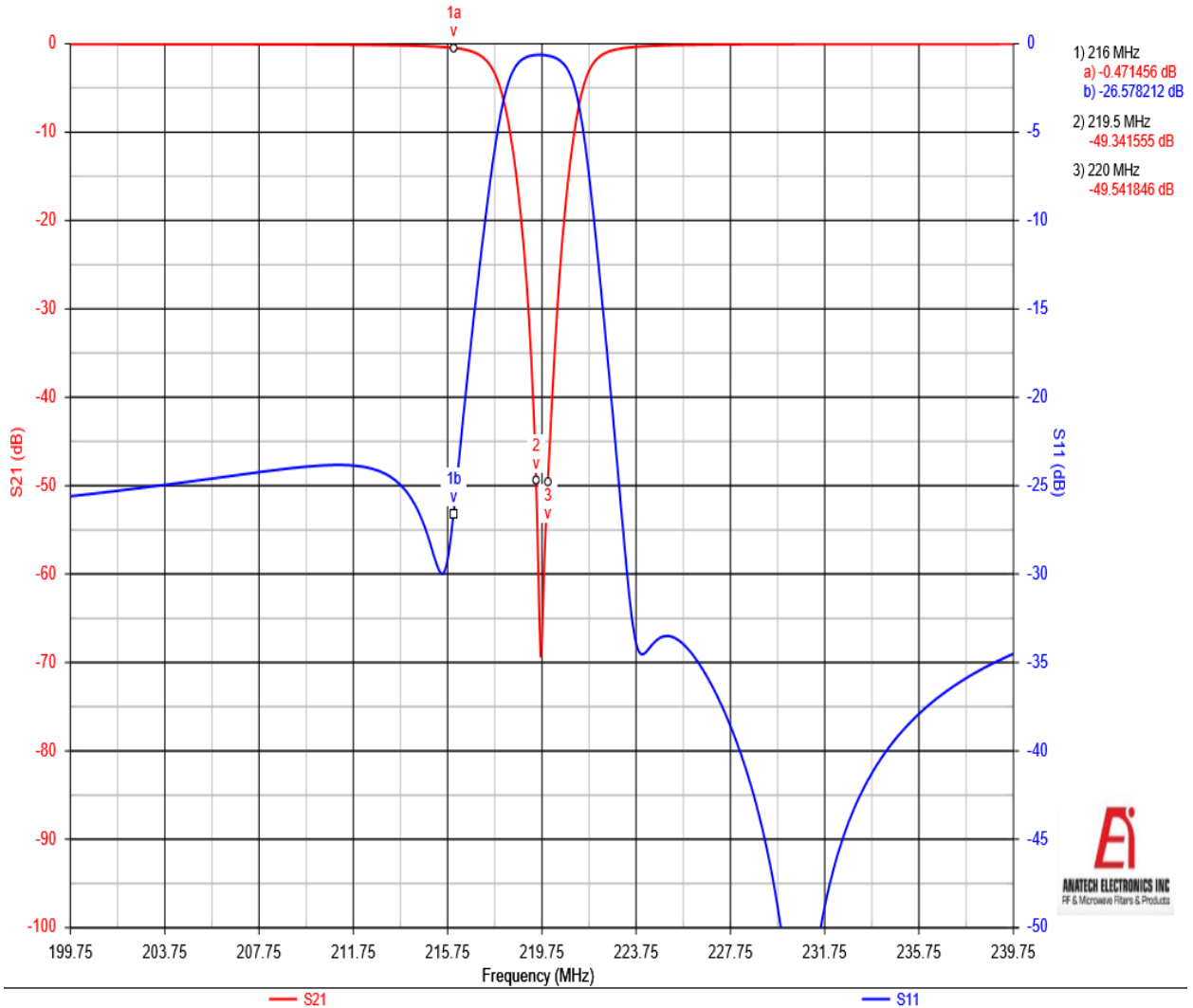
*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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Simulation Plot:



Note: This is a simulation Plot. Actual response plot might differ once product is manufactured.