



161 MHz LC Bandstop/Notch Filter

Part Number: AE161N2234



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical Specifications

Notch Center Frequency: 161 MHz
Notch Bandwidth: 1 MHz
Rejection @ Notch Frequency: 25dB Min.
Passband Below Notch: 30 MHz to 131 MHz
Passband Above Notch: 191 MHz to 800 MHz
Insertion Loss @ Passband Edge: $\leq 3.5\text{dB}$ @ 131 MHz & 191 MHz
Insertion Loss in Passband: $\leq 2\text{dB}$
Power Handling: 5 Watts

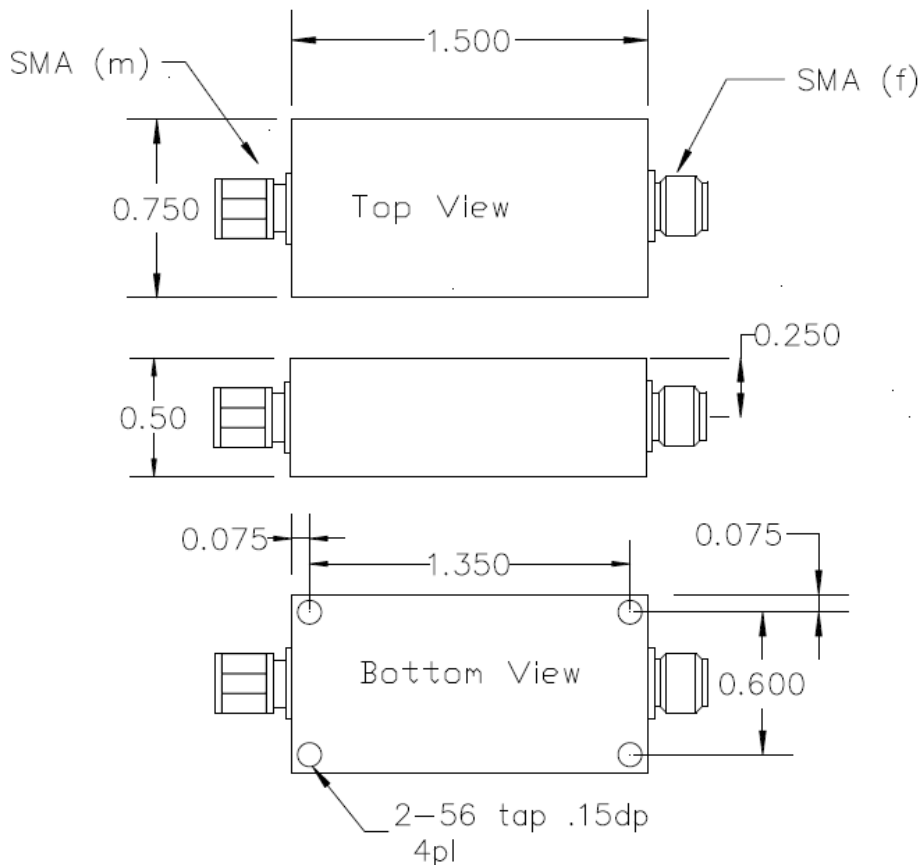
Mechanical

Connector Type: SMA(F) & SMA(M)
Dimensions: 1.5" x 0.75" x 0.5" in.

Environmental

Operating Temperature: -25°C to $+70^{\circ}\text{C}$
Storage Temperature: -40°C to $+90^{\circ}\text{C}$
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:



2 decimal places: ± 0.01 inches [$\pm 0.3\text{mm}$]
3 decimal places: ± 0.005 inches [$\pm 0.13\text{mm}$]
Angles: ± 1 Deg.

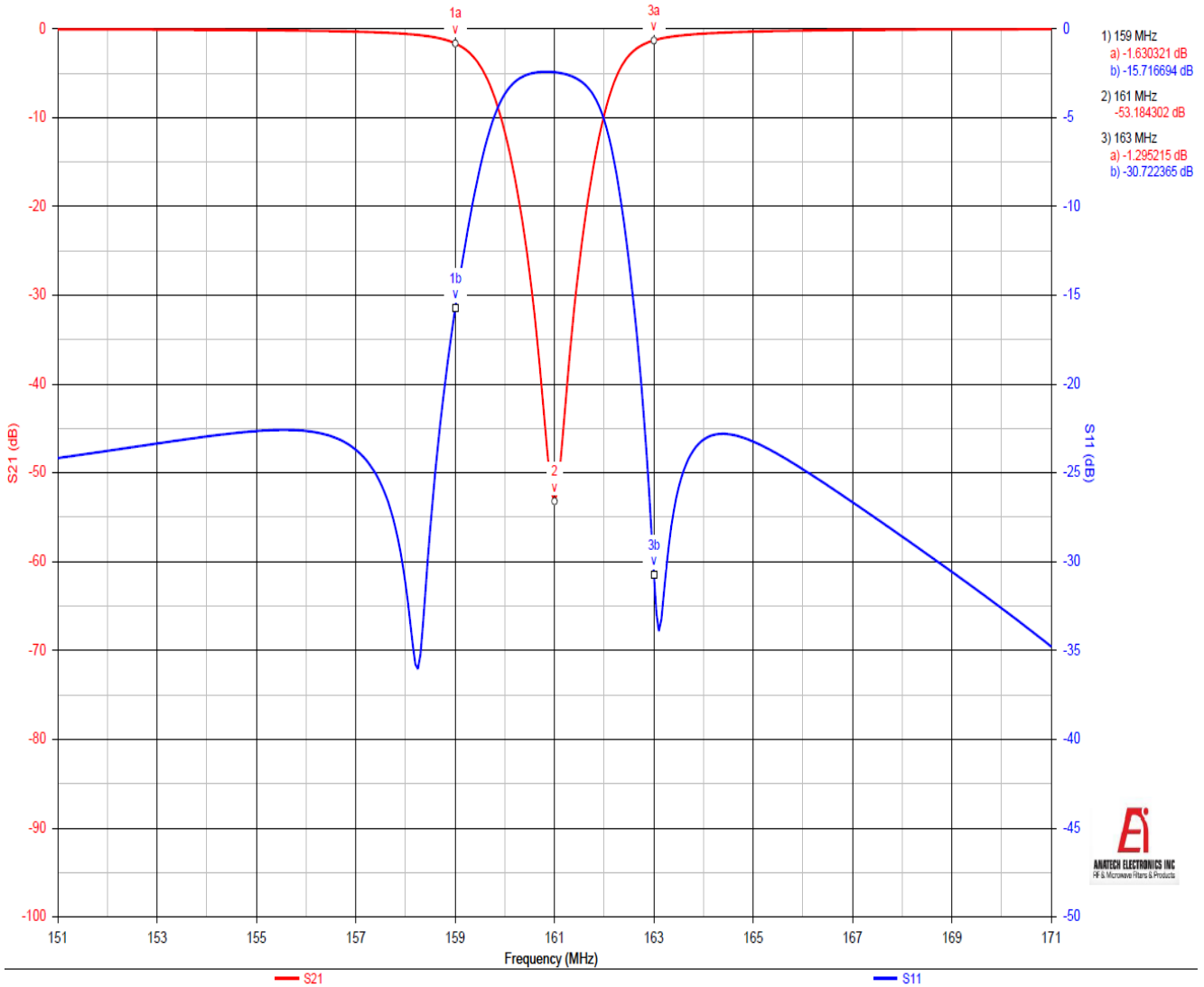
When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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Simulation Plot:



Note: This is a simulated response plot. Actual performance might differ.