



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 156.5 MHz LC Bandstop/Notch Filter

**Part Number: AE156N2233**



## Electrical Specifications

**Notch Center Frequency:** 156.5 MHz  
**Notch Bandwidth:** 1 MHz  
**Rejection @ Notch Frequency:** 25dB Min.  
**Passband Below Notch:** 30 MHz to 126.5 MHz  
**Passband Above Notch:** 186.5 MHz to 800 MHz  
**Insertion Loss @ Passband Edge:**  $\leq 3.5\text{dB}$  @  
 126.5 MHz & 186.5 MHz  
**Insertion Loss in Passband:**  $\leq 2\text{dB}$   
**Power Handling:** 5 Watts

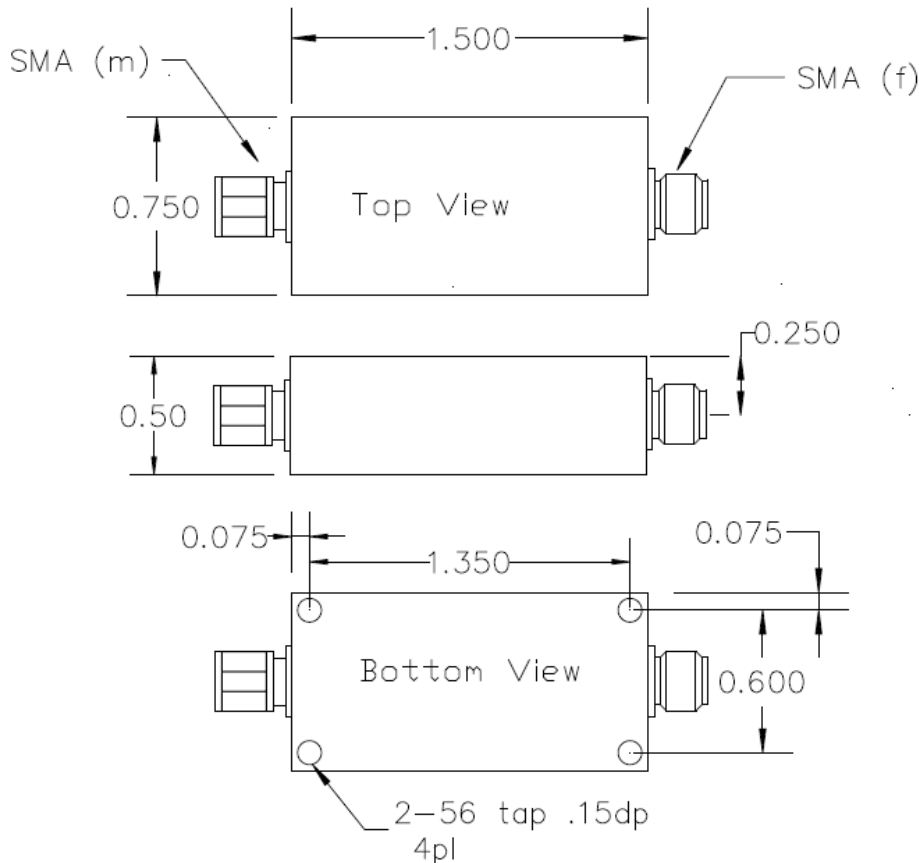
## Mechanical

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

## Environmental

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

## Outline Drawing:



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

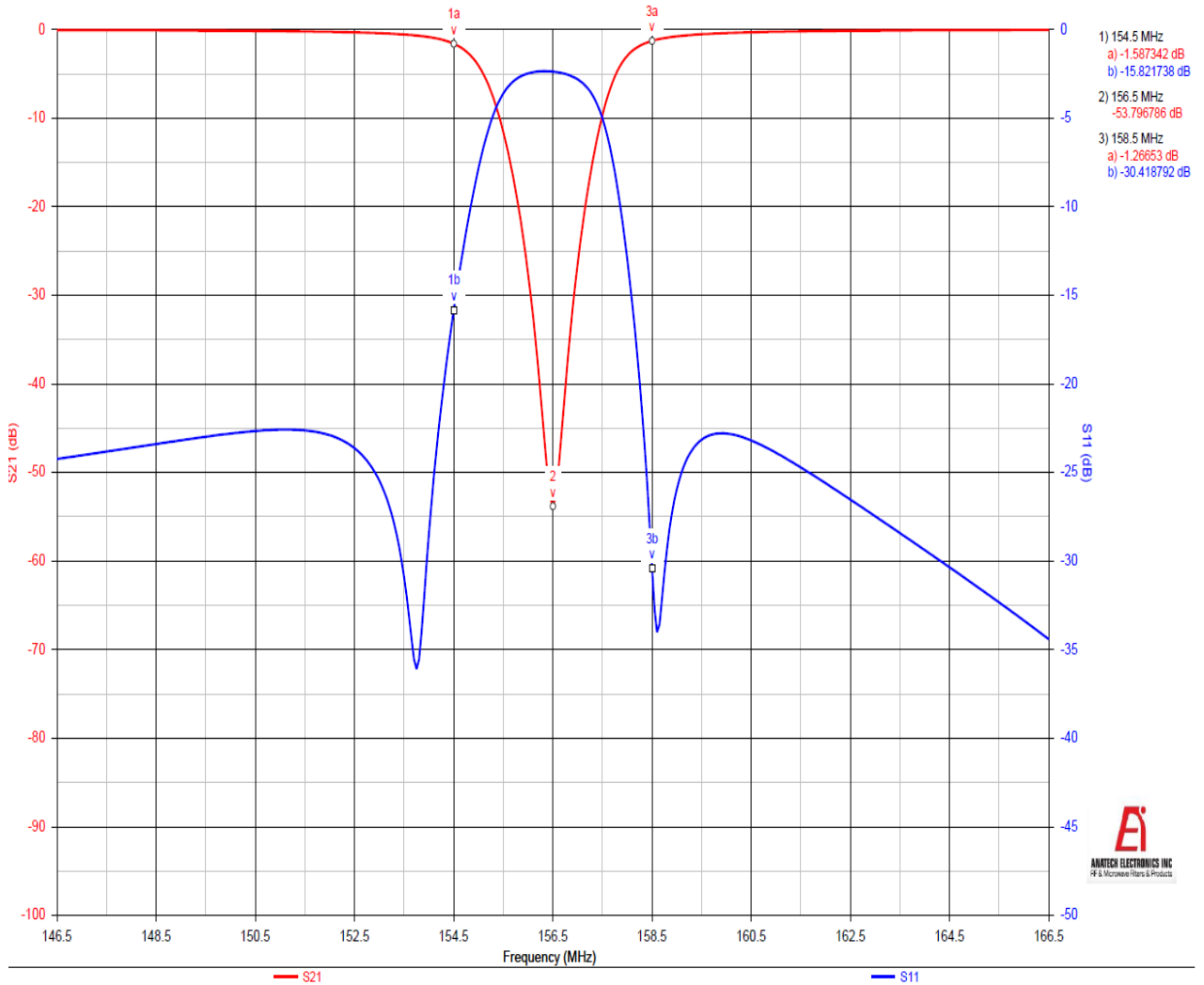
When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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### Simulation Plot:



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