



# 398.025 MHz LC Bandstop/Notch Filter



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

**Part Number: AE398N2238**

## Electrical Specifications

**Notch Center Frequency:** 398.025 MHz  
**Notch Bandwidth:** 1 MHz  
**Rejection @ Notch Frequency:** 25dB Min.  
**Passband Below Notch:** 30 MHz to 359 MHz  
**Passband Above Notch:** 438 MHz to 800 MHz  
**Insertion Loss @ Passband Edge:** ≤3.5dB @ 359 MHz & 438 MHz  
**Insertion Loss in Passband:** 2dB Max.  
**Power Handling:** 5 Watts

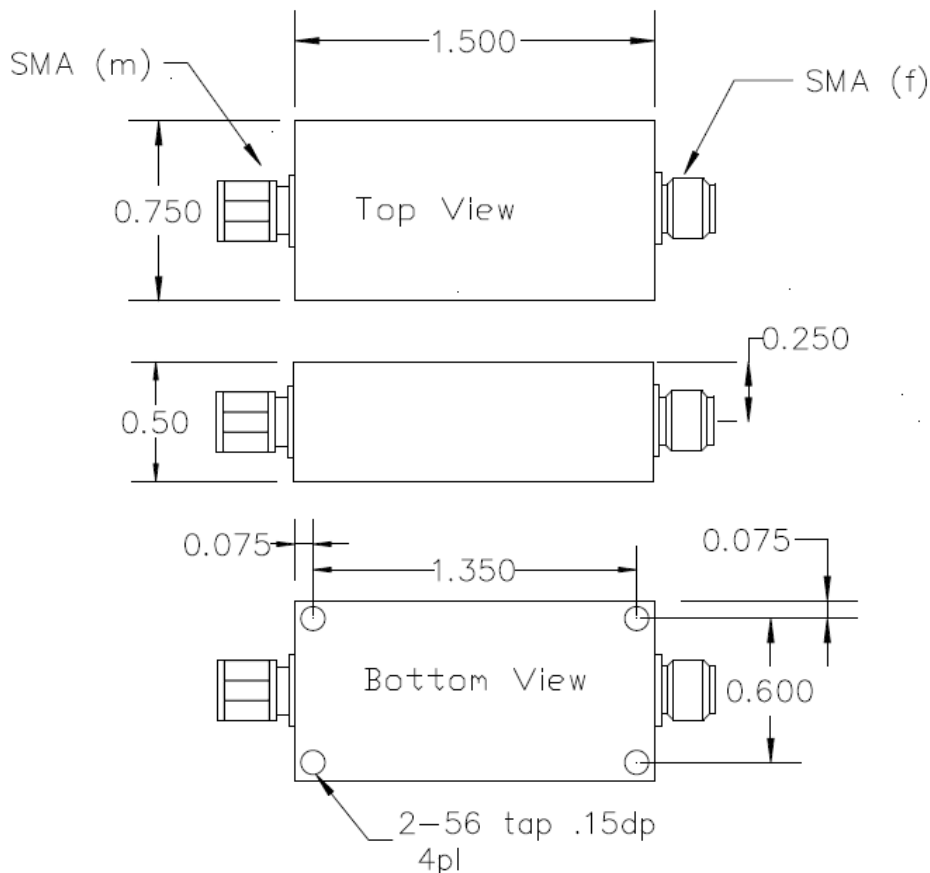
## Mechanical

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

## Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -40°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 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.

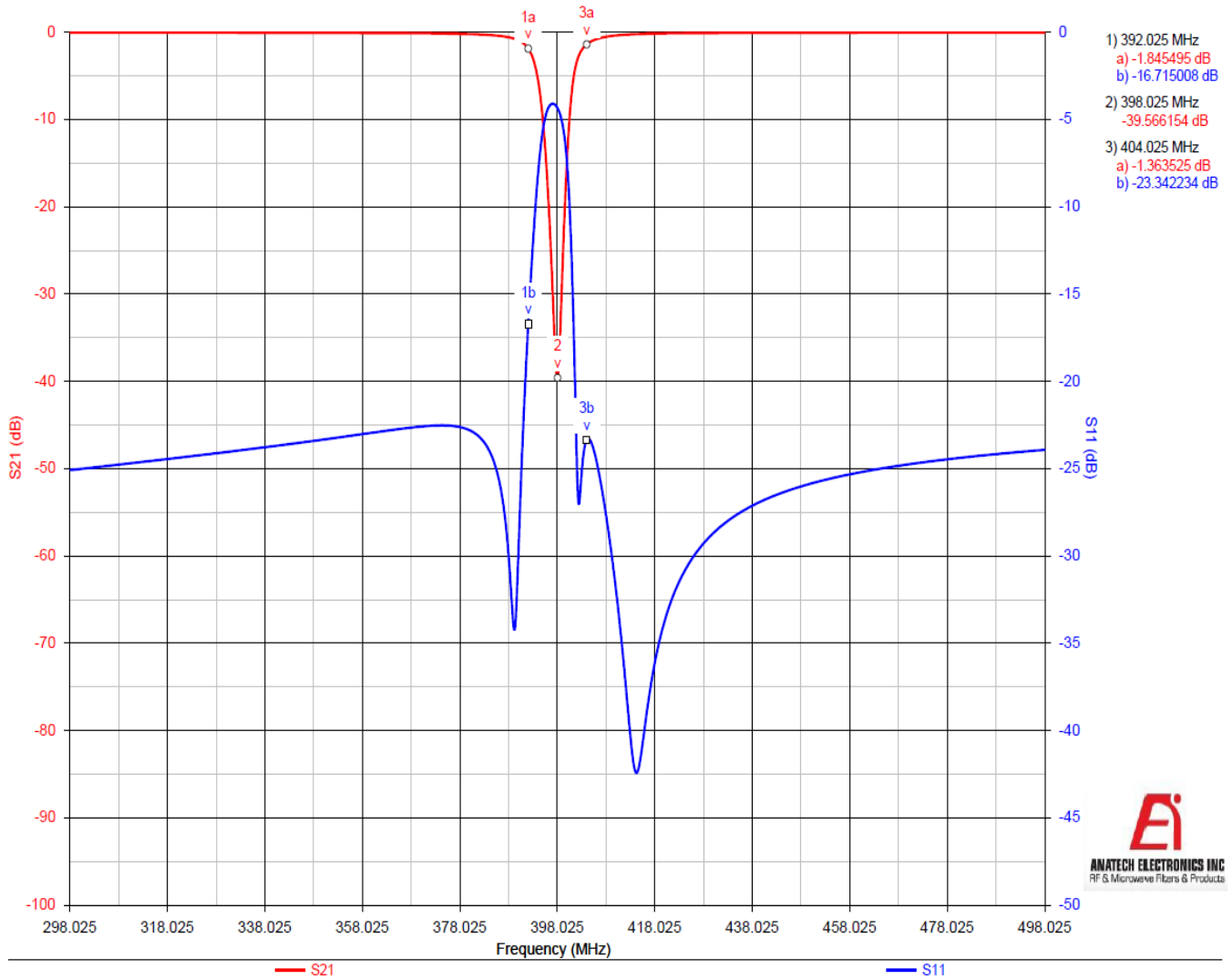
\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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### Simulation Plot:



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