



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

# 30 MHz LC Band Pass Filter

**Part Number: AE30B11629**



## Electrical Specifications

**Center Frequency:** 30 MHz  
**Bandwidth:** 5 MHz  
**Passband Insertion Loss:** 3 dB Max.  
**Passband Return Loss :** 20 dB Min.  
**Rejection:** ≥ 60 dB @ 60 MHz  
**Power Handling:** 0.01 W

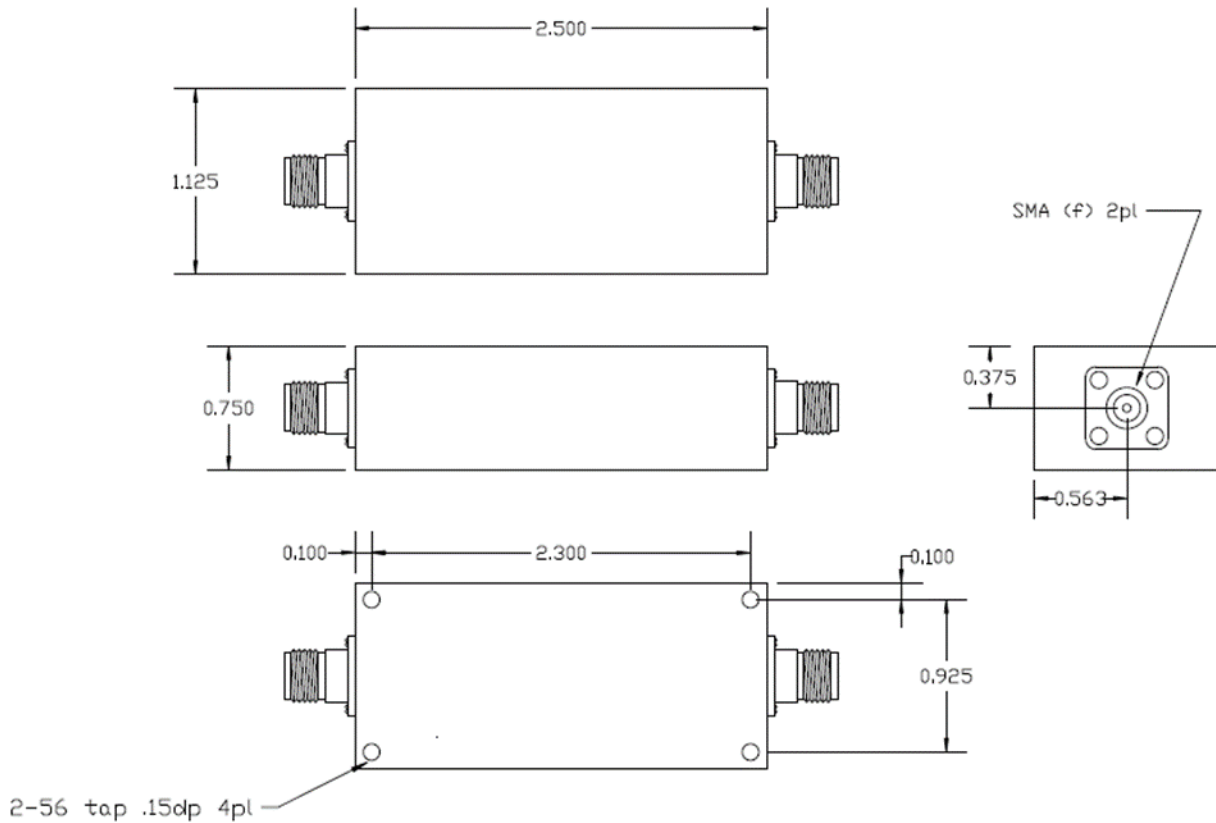
## Mechanical

**Mounting Method:** 2-56 Tap Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 2.5" X 1.125" x 0.75"

## Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -75°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.

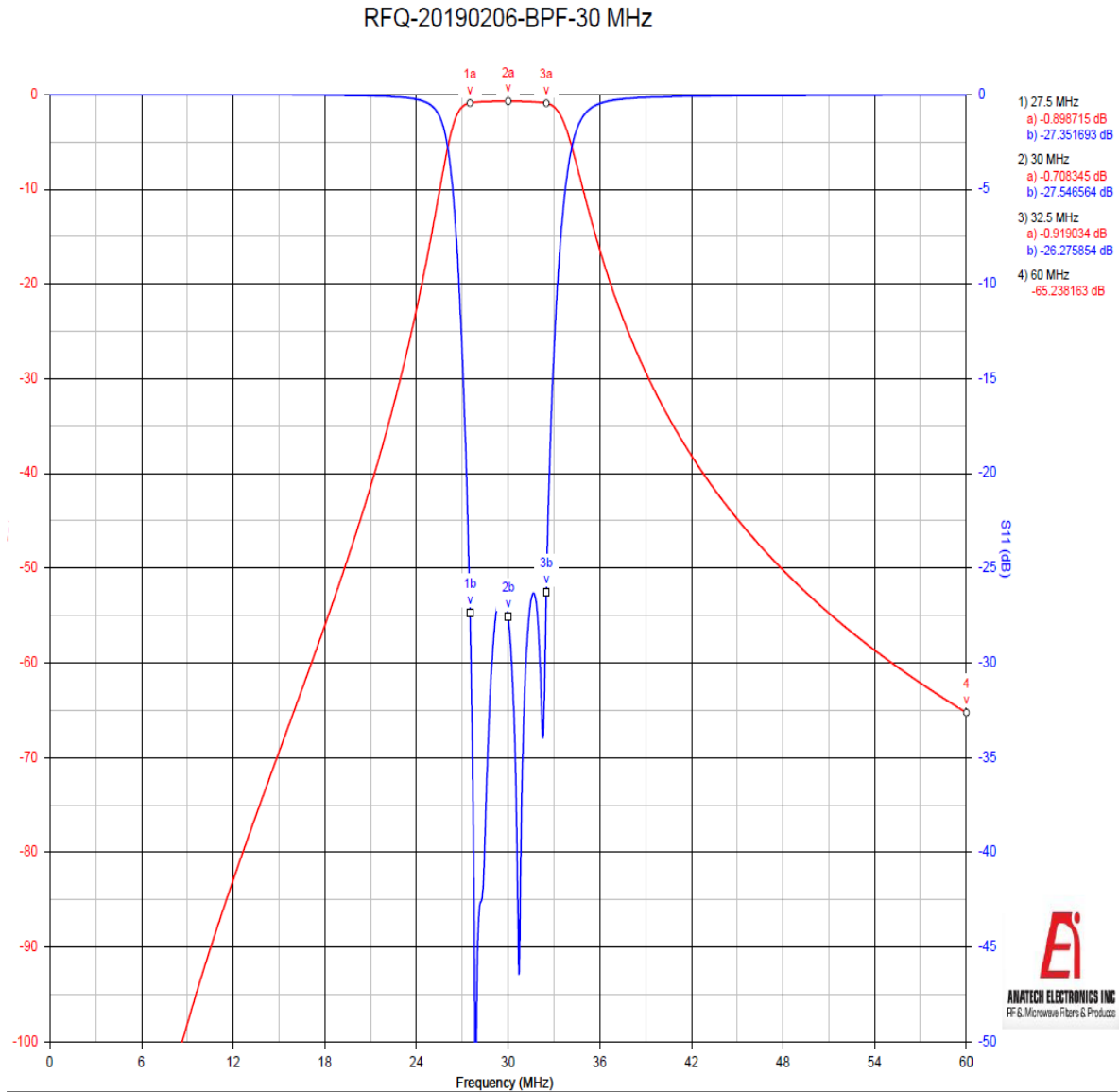
**70 Outwater Lane**    **Phone: (973) 772-4242**  
**Garfield, NJ 07026**    **Fax : (973) 321-3941**

Reference DCR: D061719-03A

**Email:** [sales@anatechelectronics.com](mailto:sales@anatechelectronics.com)  
**Web:** [www.anatechelectronics.com](http://www.anatechelectronics.com)



### Simulation Plot:



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