



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

# 30MHz LC Low pass filter

**Part Number: AE30L9122**



## Electrical specifications

**Passband Frequency:** 1-30MHz  
**Passband Insertion Loss:** 1dB Max.  
**Passband Return Loss:** 15dB Min.  
**Stopband Frequency:** 60-800 MHz  
**Rejection @ StopBand:** 40dB Min.  
**Impedance:** 50 Ohms In/Out  
**Power Handling:** 200W

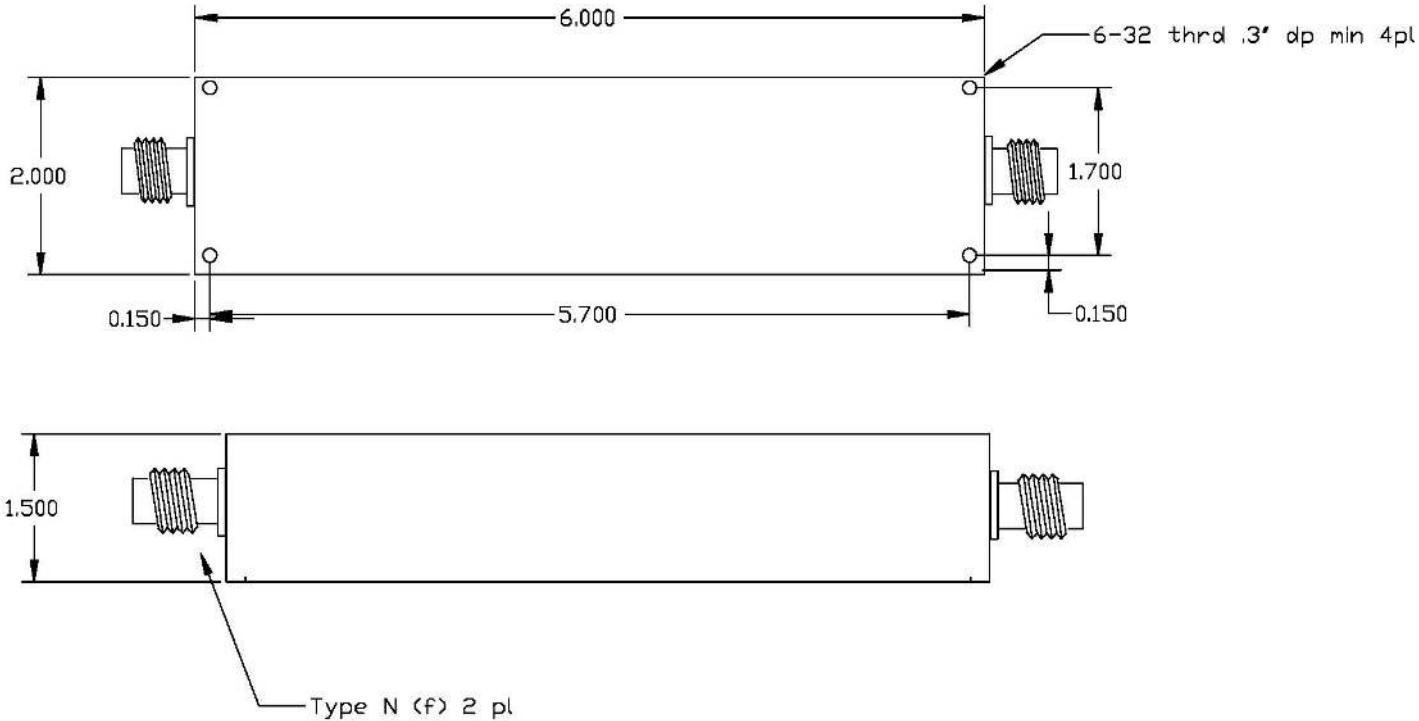
## Mechanical

**Mounting Method:** 6-32 Threaded Holes  
**Connector Type:** N-type(F)  
**Dimensions:** 6.00" x 2.00" x 1.50" in

## Environmental

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +100°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200 Hz

## Outline Drawing:



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

Angles: +/- 1 Deg.

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

DS-L9122-02092015-Rev0

\*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: D061719-08A

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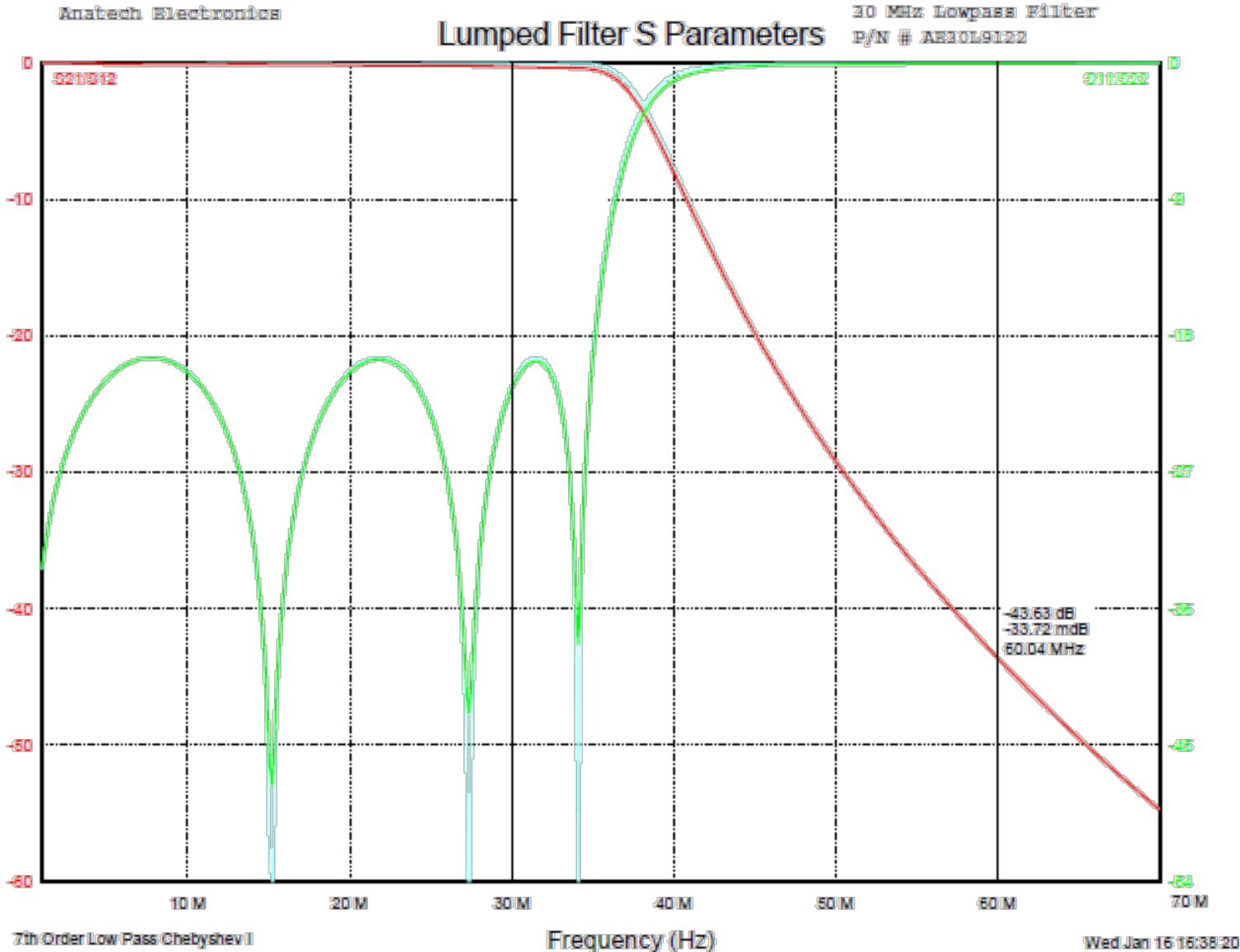
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## Simulation plot:



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

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