



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 CW

Mechanical

Mounting Method: 2-56 Tap Holes

Connector Type: SMA (F)

Dimensions: 2.5 X 1.125 x 0.75 in

Environmental

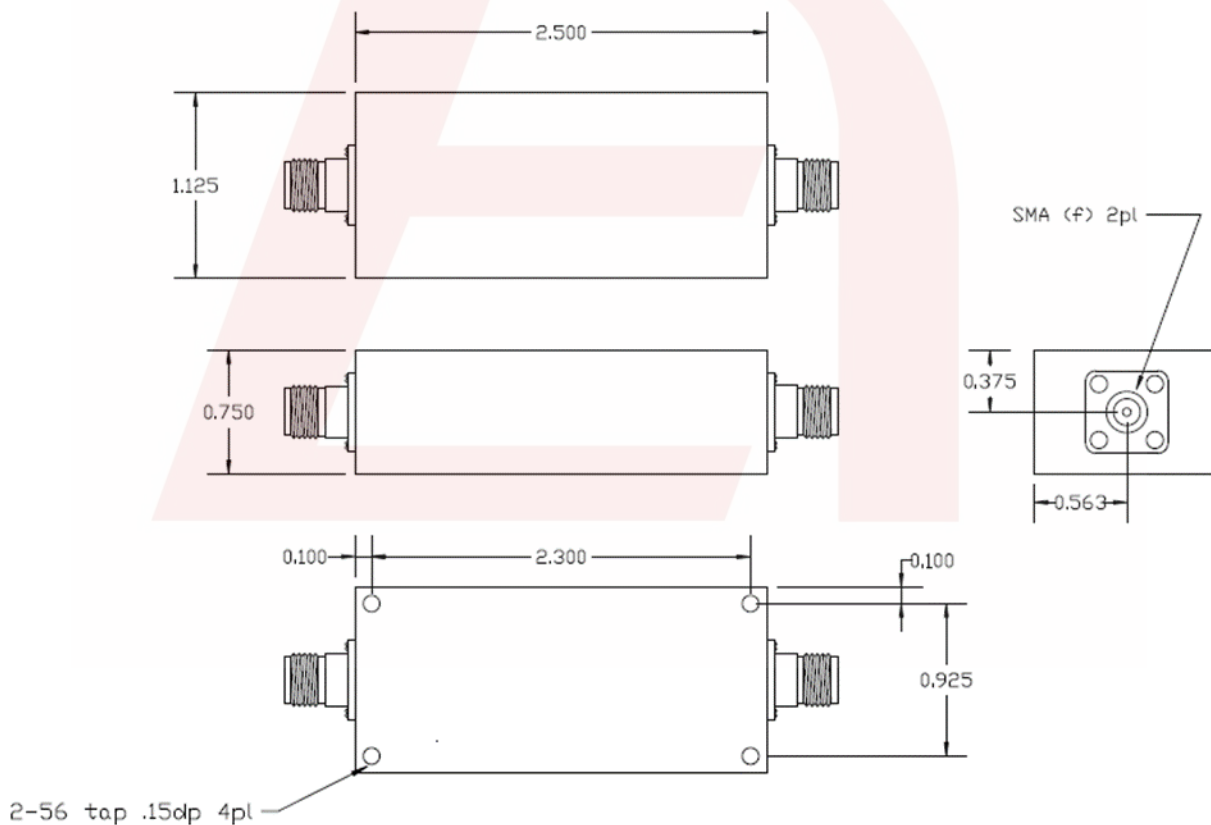
Operating Temperature: -25°C to +70°C

Storage Temperature: -75°C to +90°C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 2000Hz

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.

DS-B11629-06272024-Rev0

70 Outwater Lane
Garfield, NJ 07026

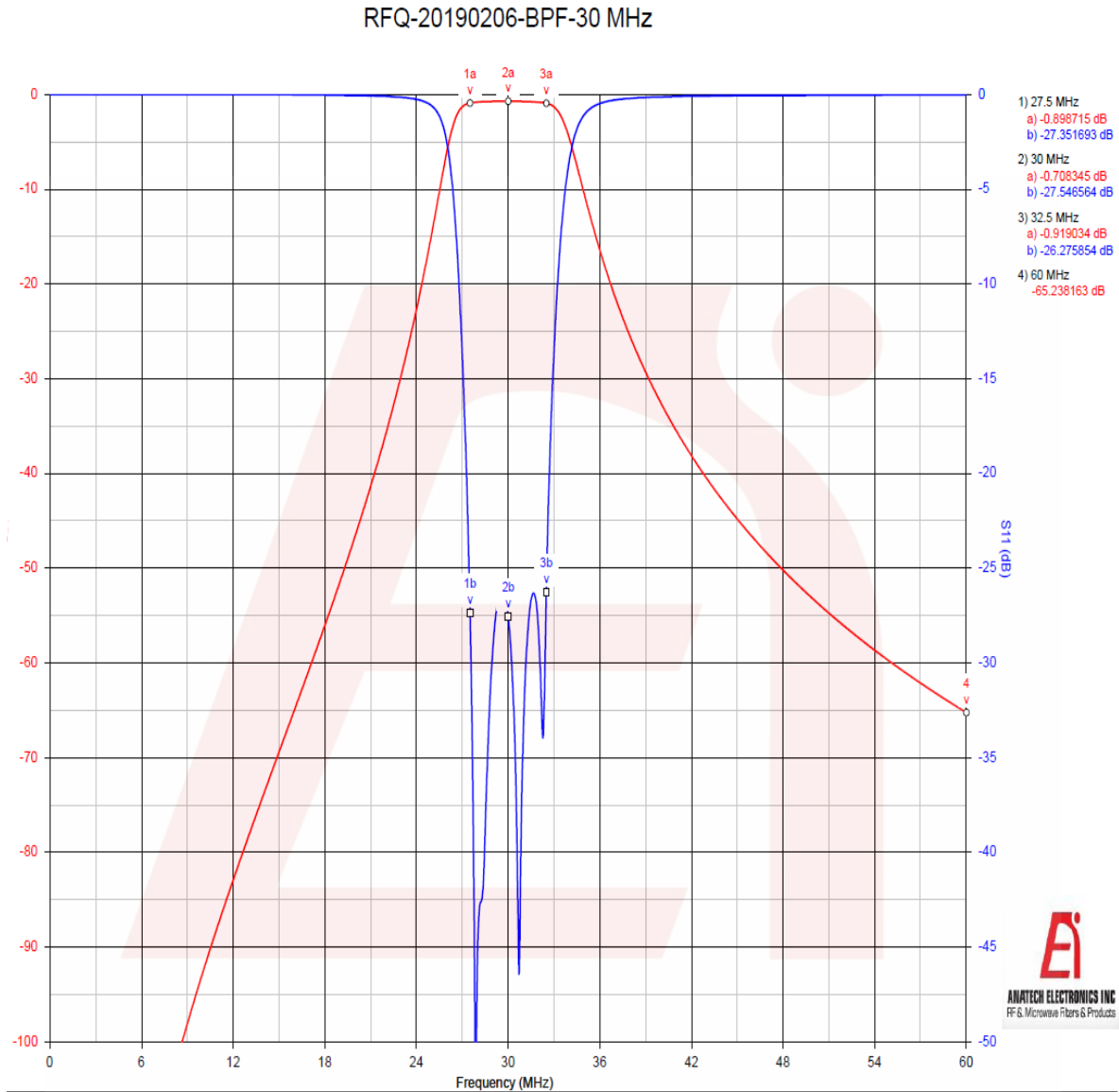
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Simulation Plot:



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

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