



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

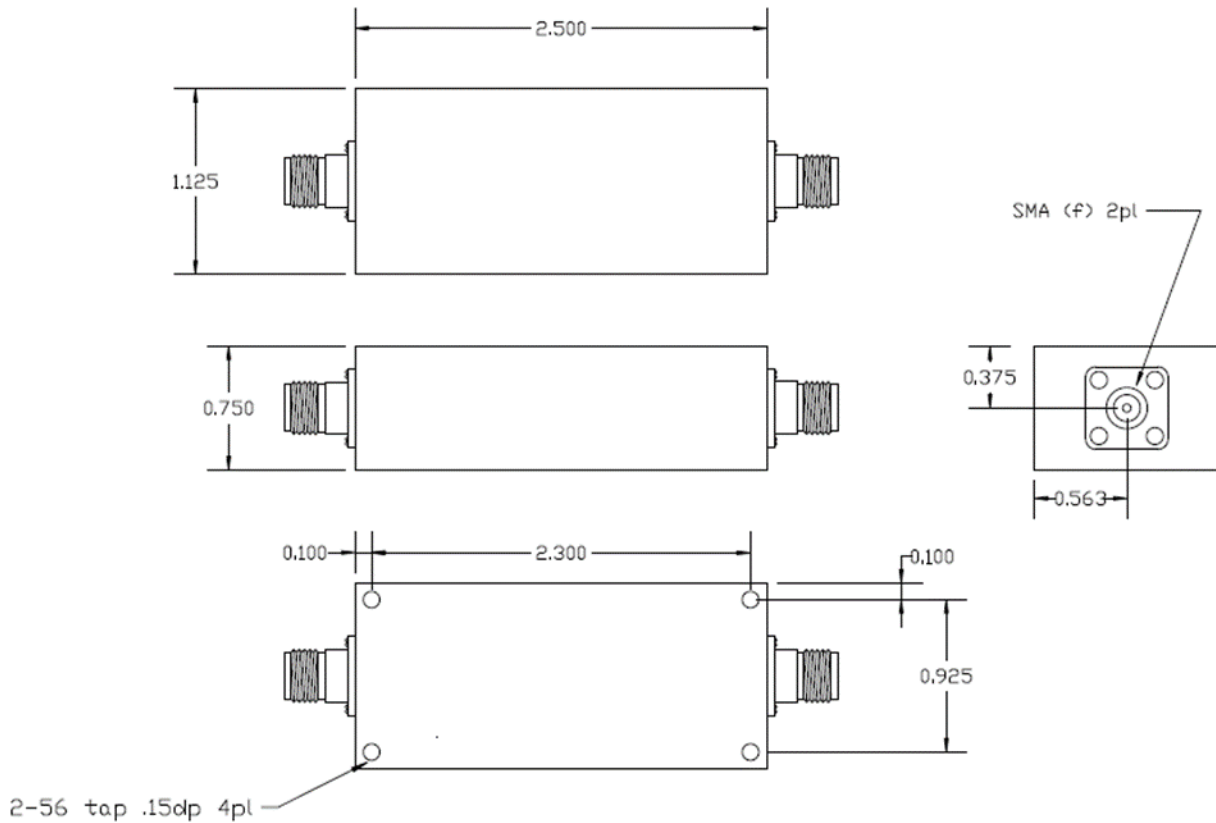
Mechanical

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.

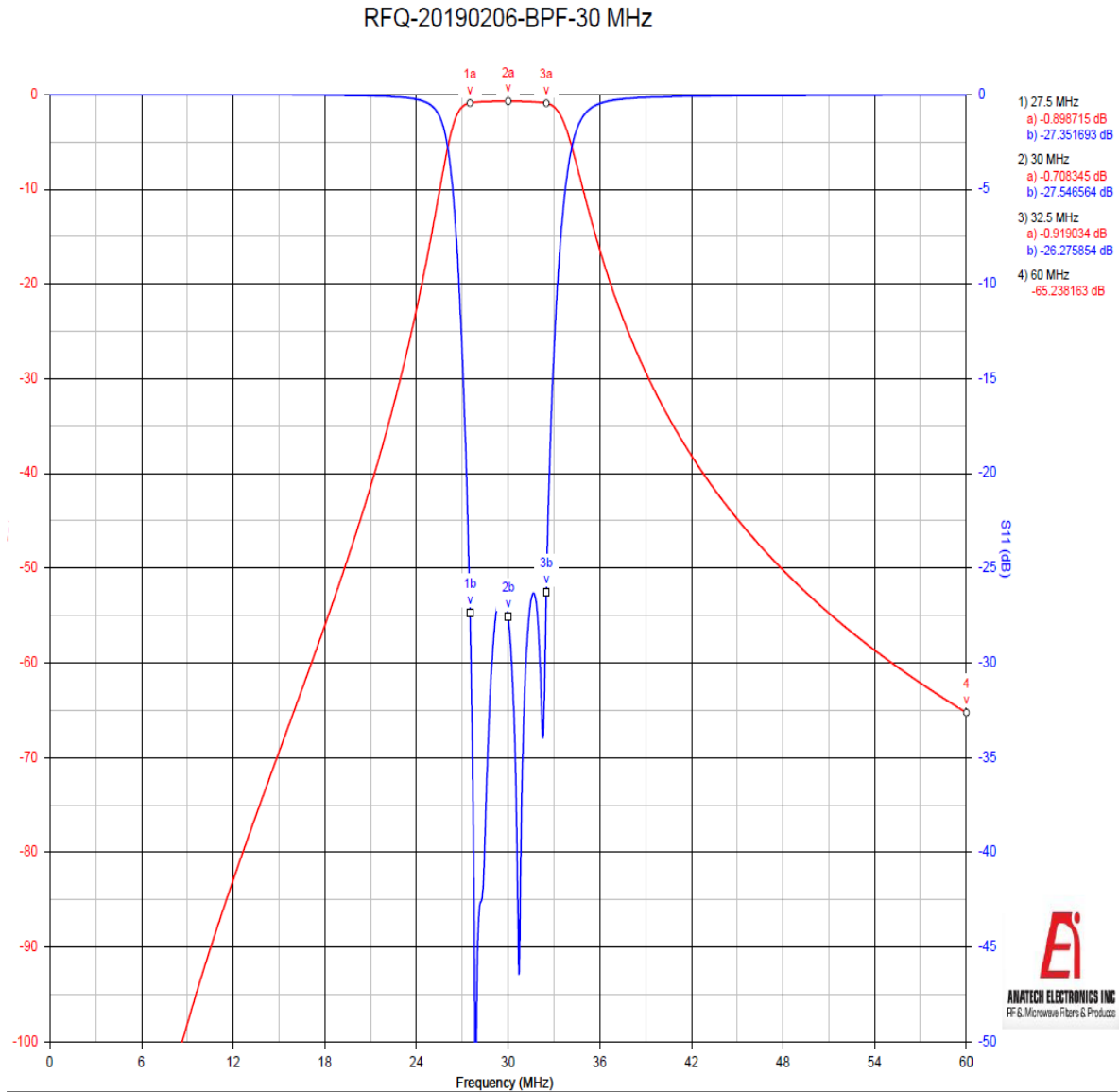
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Reference DCR: D061719-03A

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Simulation Plot:



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