



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1000 MHz LC Band Pass Filter

Part Number: AE1000B11605



Electrical Specifications

Center Frequency: 1000 MHz
1dB Bandwidth: 1500 MHz
Insertion Loss: 2.0dB Max.
Return Loss: 14dB Min.
Rejection1: $\geq 50\text{dB}$ @ 50 MHz
Rejection2: $\geq 50\text{dB}$ @ 2000 MHz
Impedance: 50 Ohms In/Out
Power Handling: 1 W CW

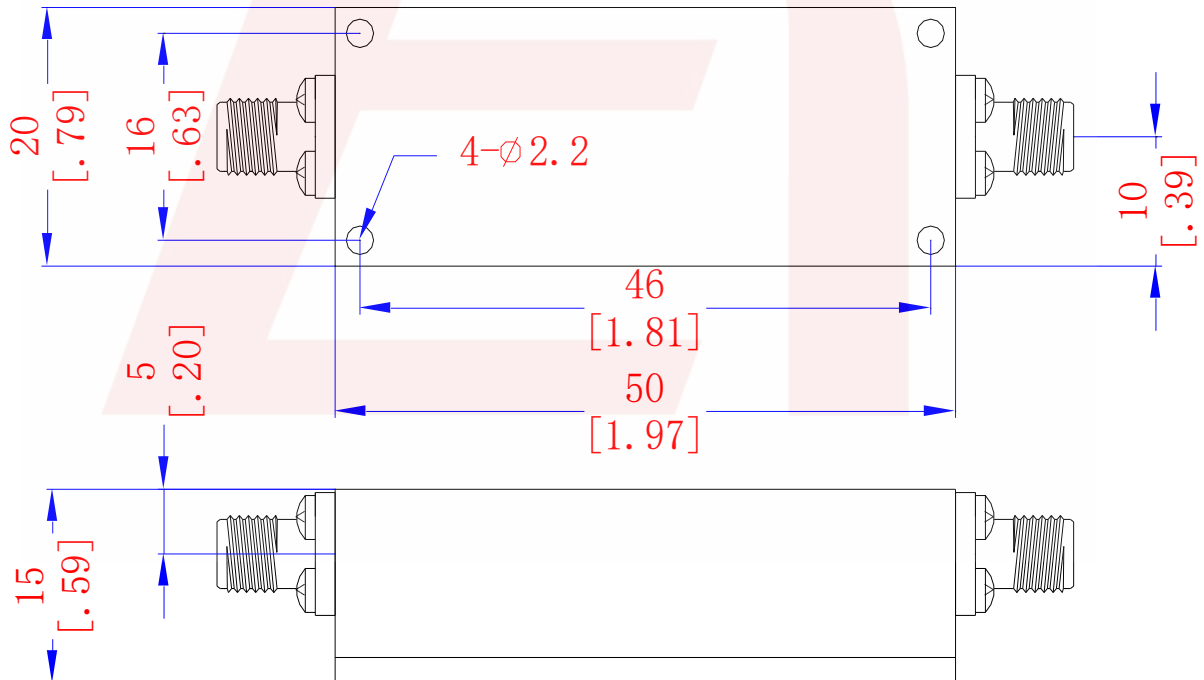
Mechanical

Mounting Method: 2.2 mm Through Holes
Connector Type: SMA (F)
Dimensions: 1.97 X 0.79 X 0.59 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 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-B11605-08072019-Rev0



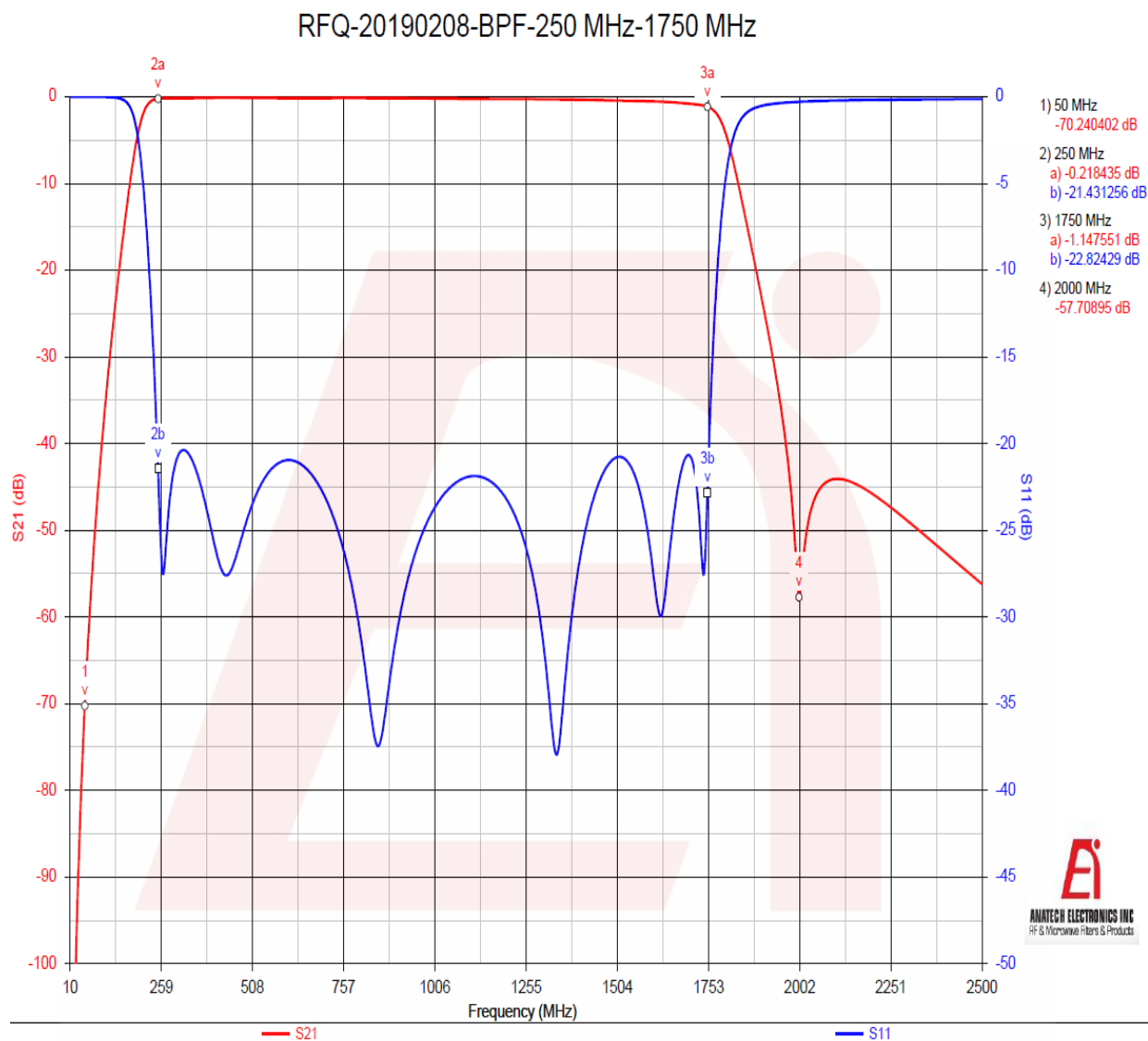
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Simulation Plot:



Note: This is a simulation plot. Actual results may differ once the product is implemented.

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

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