



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3000 MHz Cavity Band Pass Filter

Part Number: AE3000B11602



Electrical Specifications

Center Frequency: 3000 MHz
1dB Passband: 2250 MHz to 3750 MHz
Insertion Loss: 2.0dB Max.
Return Loss: 12dB Min.
Rejection1: ≥50dB @ 1000 MHz
Rejection2: ≥ 50dB @ 5000 MHz
Impedance: 50 Ohms
Power Handling: 1 W

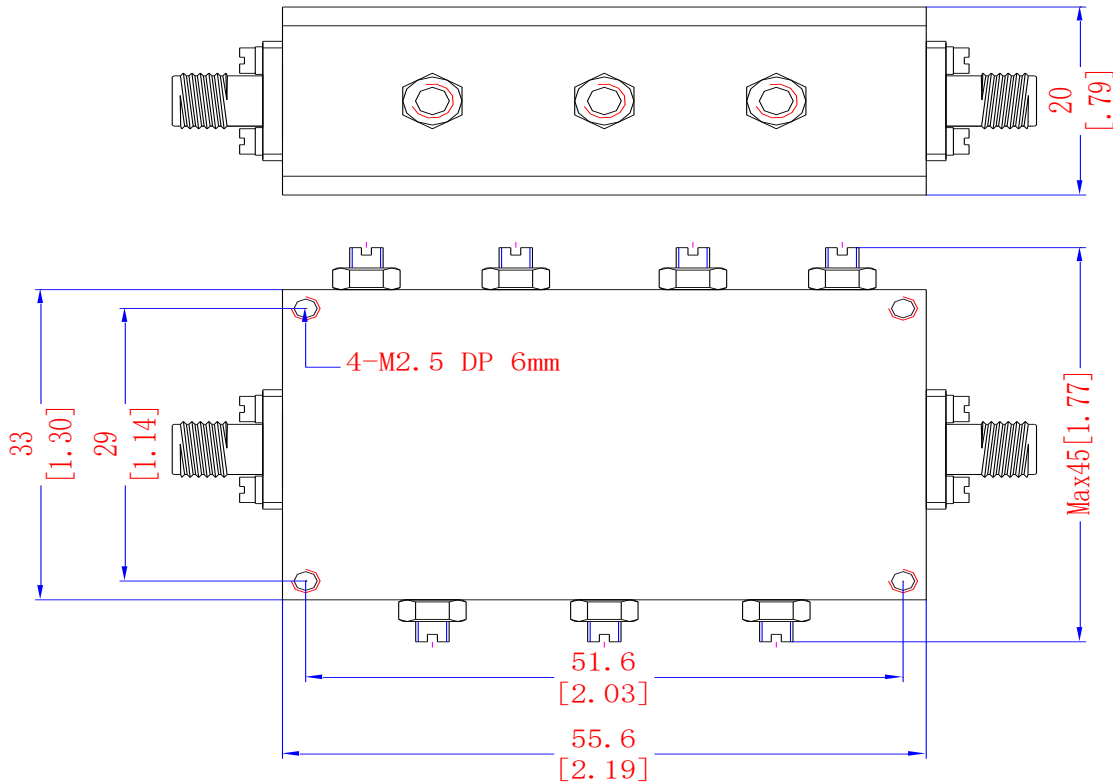
Mechanical

Mounting Method: Threaded Holes M2.5 X 6mm DP
Connector Type: SMA(F)
Dimensions: 2.19 X 1.30 X 0.79 in.

Environmental

Operating Temperature: -40°C to +70°C
Storage Temperature: -55°C to +85°C
Shock: 20 G. 11ms
Vibration: 20 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.

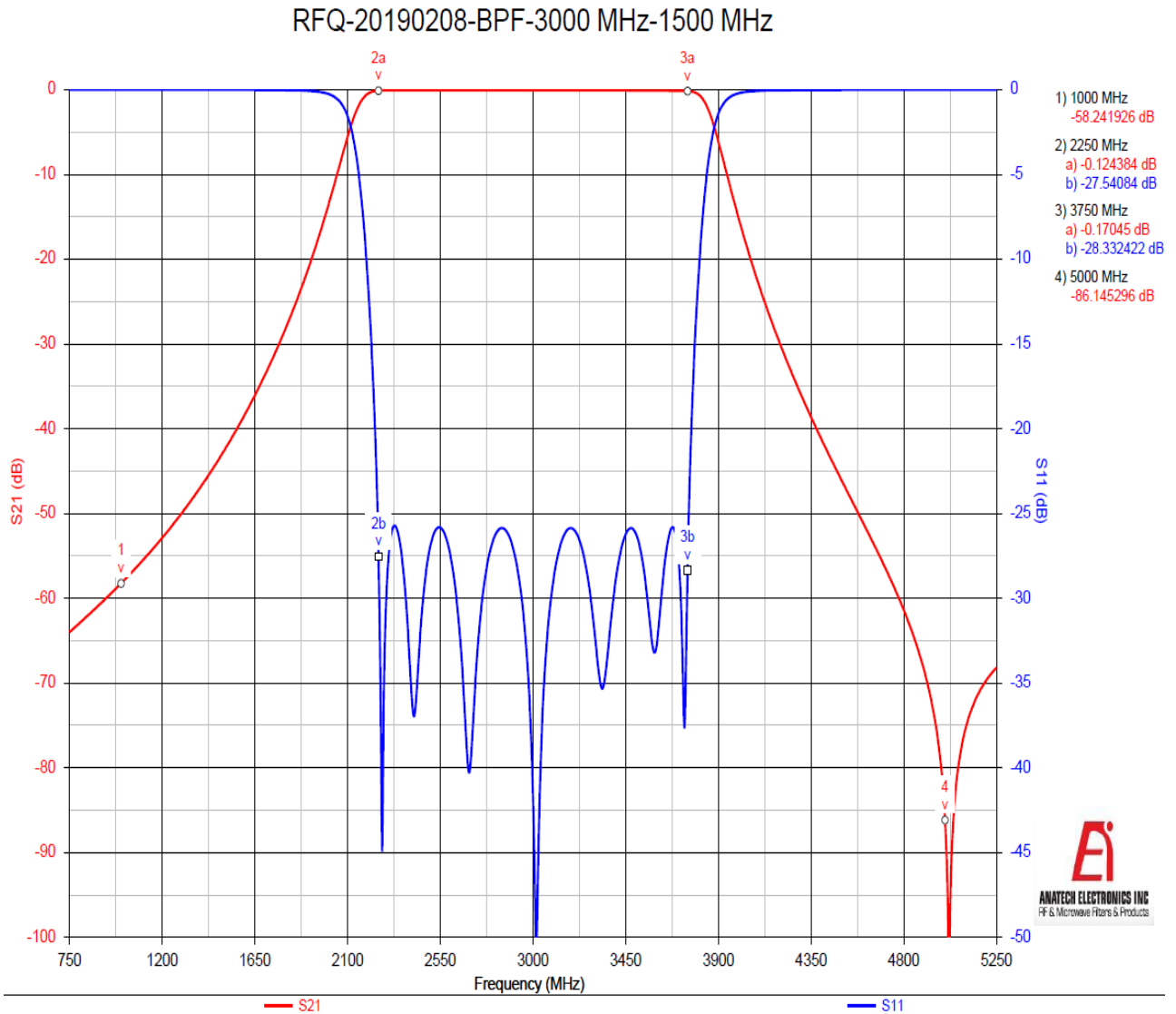
*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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Simulation Plot:



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