



Electrical specifications

Cut-off Frequency: 118 MHz
Passband: 118-400 MHz
Insertion Loss in PB: 1.25 dB Max
Return Loss in PB: 15 dB Min
Rejection: 55 dB Min @ DC – 108 MHz
Power Handling: 30 W CW

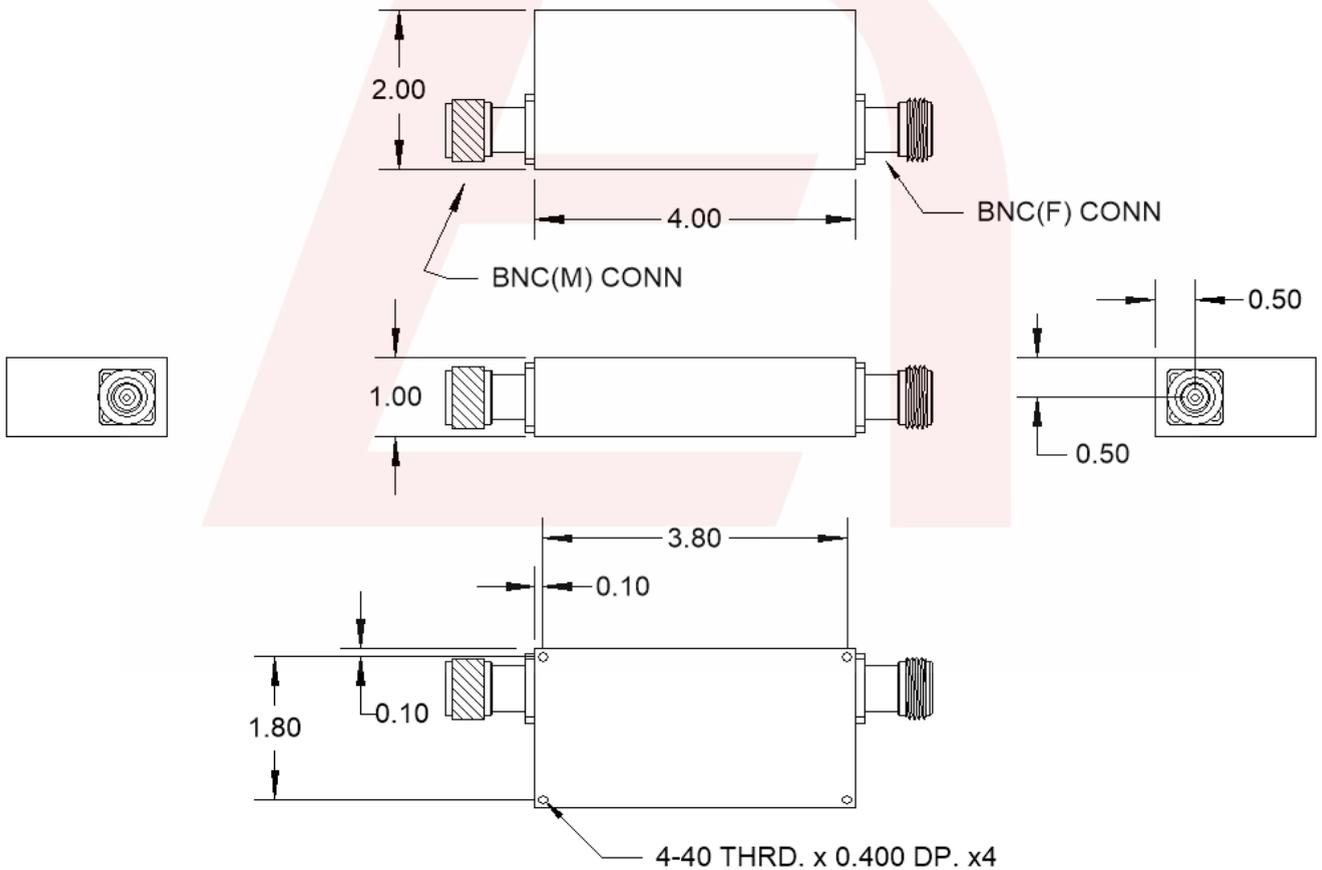
Mechanical

Mounting Method: Threaded Holes
Dimensions: 4.0 x 2.0 x 1.0 in
Connector Type: N Type (F) / N Type (M)

Environmental

Operating Temperature: -45°C to +85°C
Storage temperature: -65°C to +95°C
Shock: 20 G's, ½ sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:



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

Angles: +/- 1 Deg.

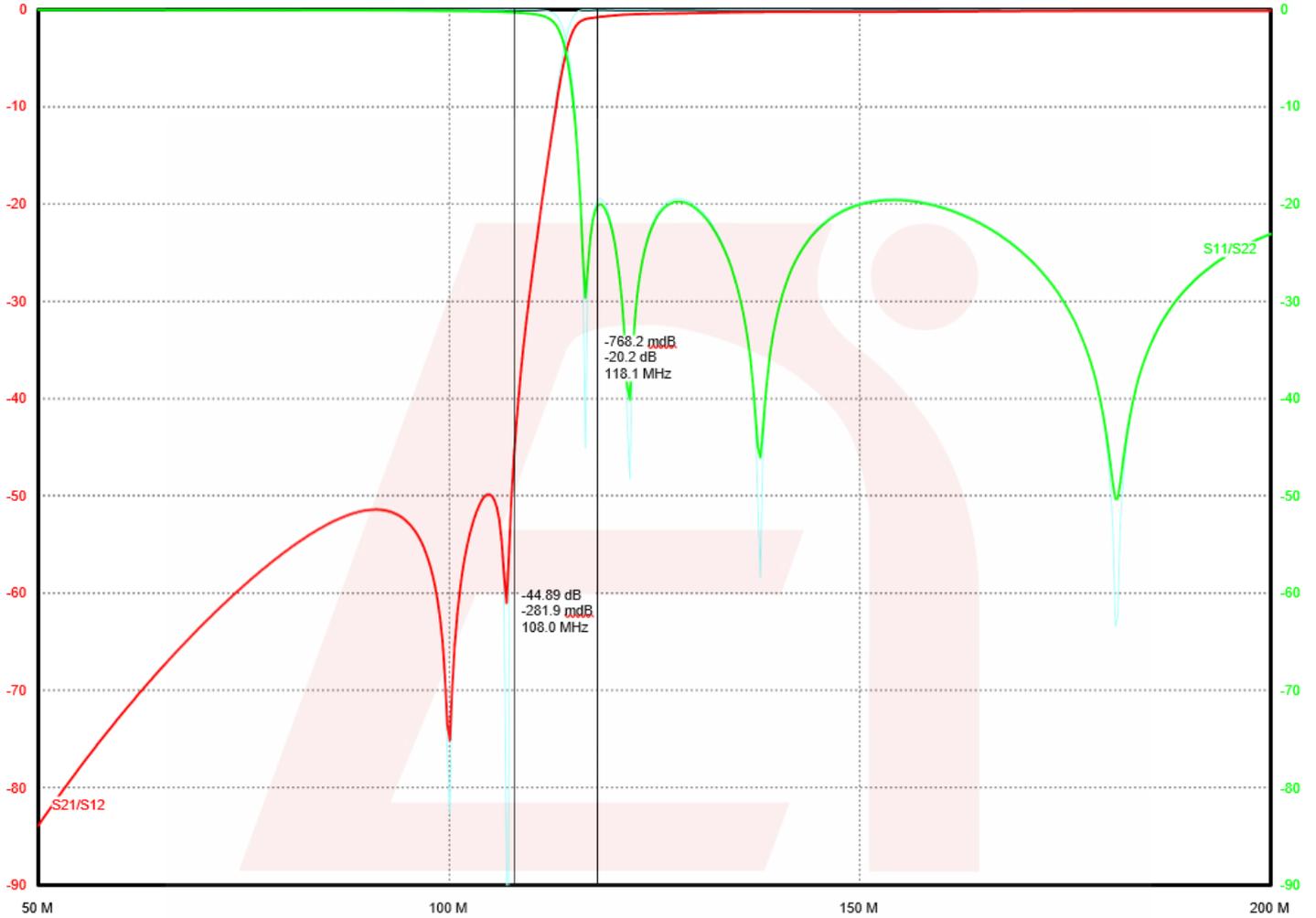
*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

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



Simulated Plot:

Lumped Filter S Parameters



11th Order High Pass [Chebyshev_1](#)

Frequency (Hz)

Wed May 5 10:32 2021