



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

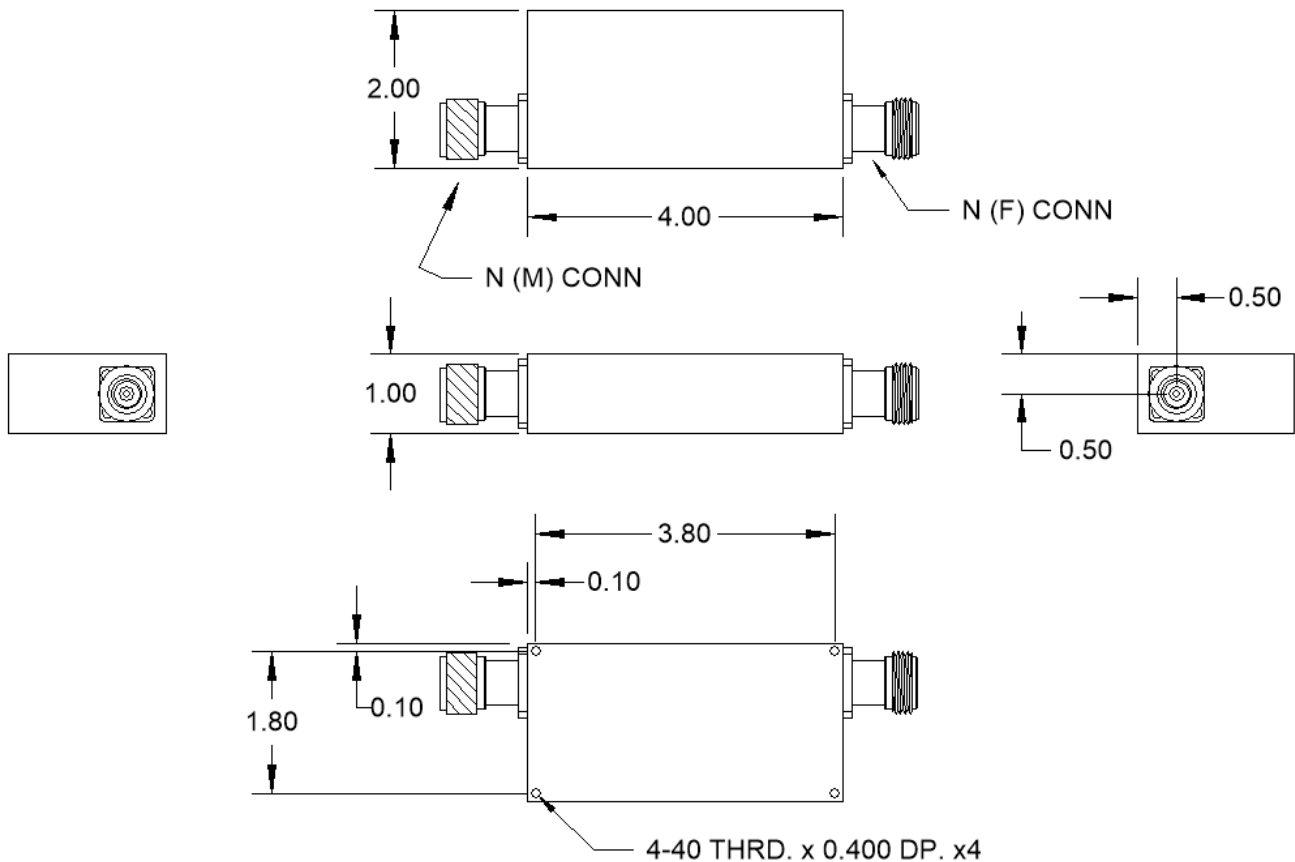
Mechanical

Dimensions: 4.0 x 2.0 x 1.0 inches
Connector Type: N Type (F) / N Type (M)

Environmental

Operating Temperature: -45 to +85 deg. C
Storage temperature: -65 to +95 deg. C
Shock: 20 G's, 1/2 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.

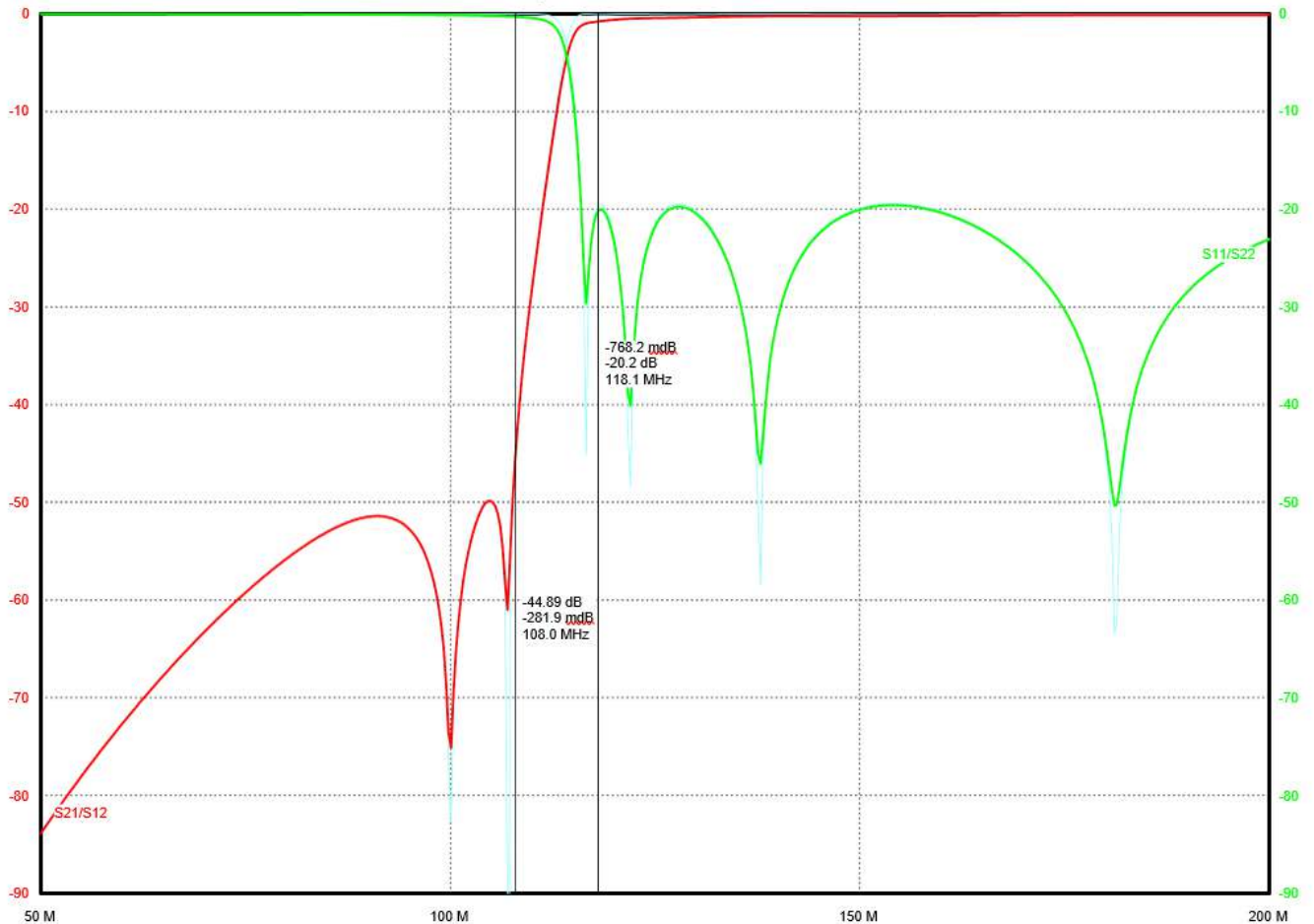


118 MHz LC High Pass Filter

Part Number: AE118H9932



Lumped Filter S Parameters



11th Order High Pass Chebyshev_1

Frequency (Hz)

Wed May 5 10:32 2021