



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

40 MHz LC High Pass Filter

Part Number: AE40LH9947



Electrical specifications

3dB Cutoff Frequency: 40 MHz
Passband Frequency: 44 – 100 MHz
Insertion Loss @ Passband: 0.8 dB Max
Return Loss: 15 dB Min
Rejection: 30 dB Min @ 30 MHz
Impedance: 50 Ohms In/Out
Power: 5 Watts

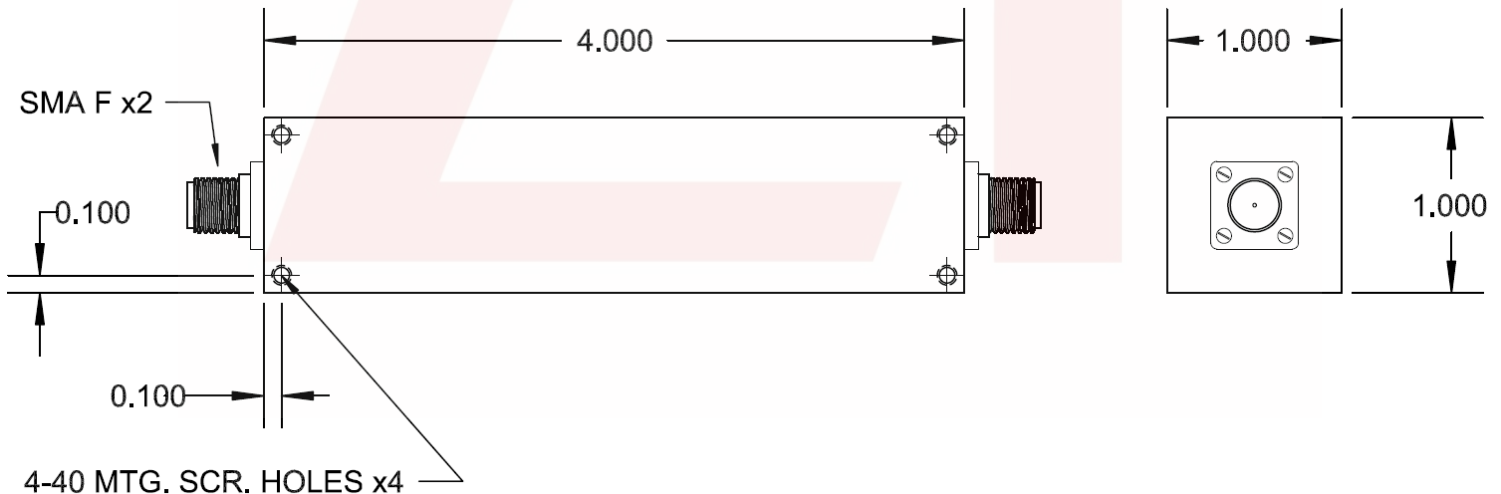
Mechanical

Connector Type: SMA Female
Dimensions: 4.0 x 1.0 x 1.0 in.

Environmental

Operating Temperature: -55 to +85° C
Storage Temperature: -65 to +95° C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200 Hz

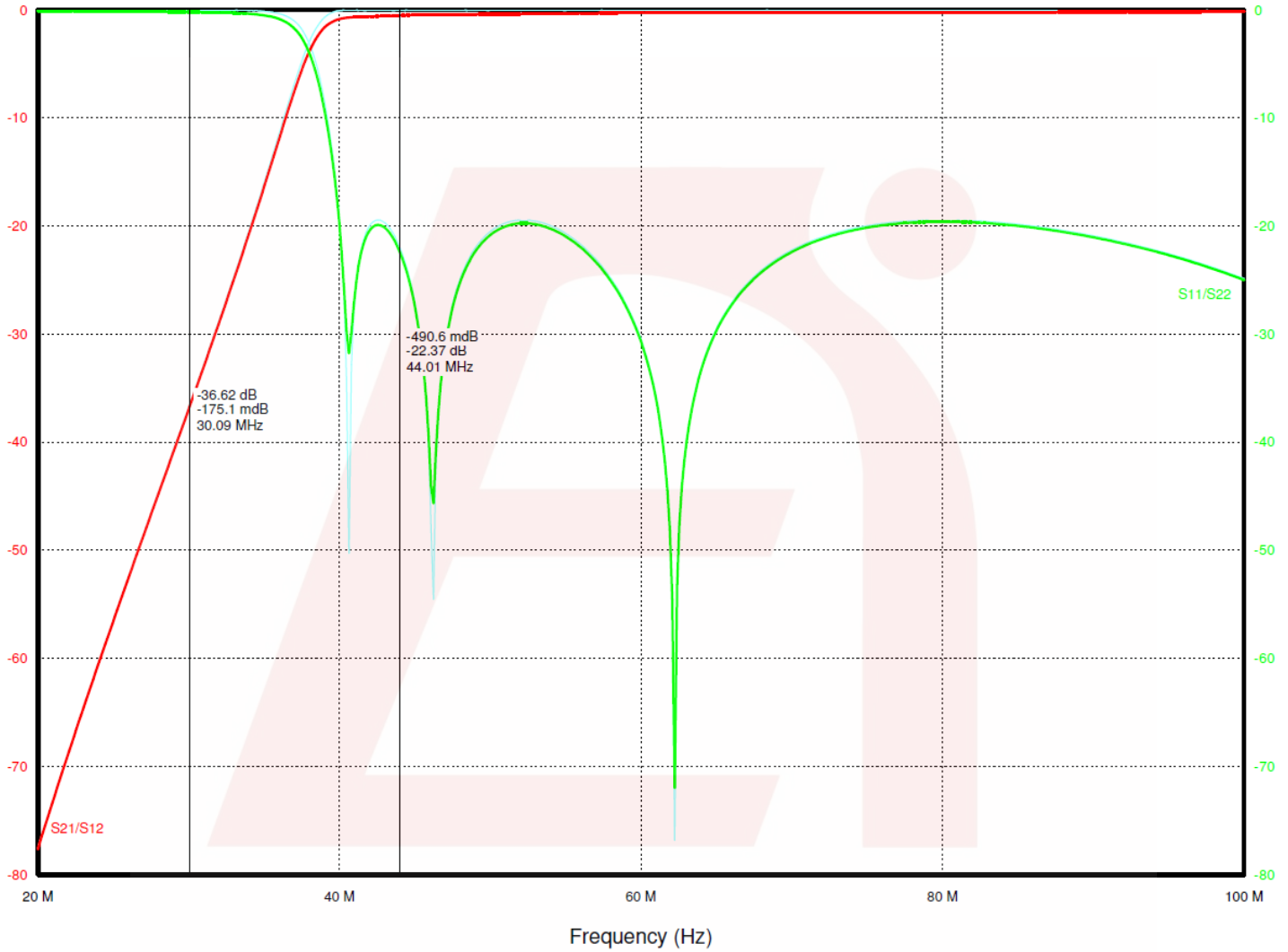
Outline Drawing:



DS-LH9947-02272024-Rev0



Simulation Plot:



This is a simulated response plot, actual results might differ