



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

520 MHz LC Low Pass Filter

Part Number: AE520L9244



Electrical Specifications

Cutoff Frequency: 520 MHz

Passband: DC~520 MHz

Insertion Loss in Passband: 1.5dB Max.

Return Loss: 14dB Min @ DC to 520 MHz

Rejection: 45dB Min. @ 700 MHz

Impedance: 50 Ohms

Power Handling: 150Watts @ Peak for 5 Min.

Mechanical

Mounting Method: 4-40 Threaded Holes

Connector Type: SMA(F)

Dimensions: 6.0" X 1.5" x 1.0" in.

Environmental

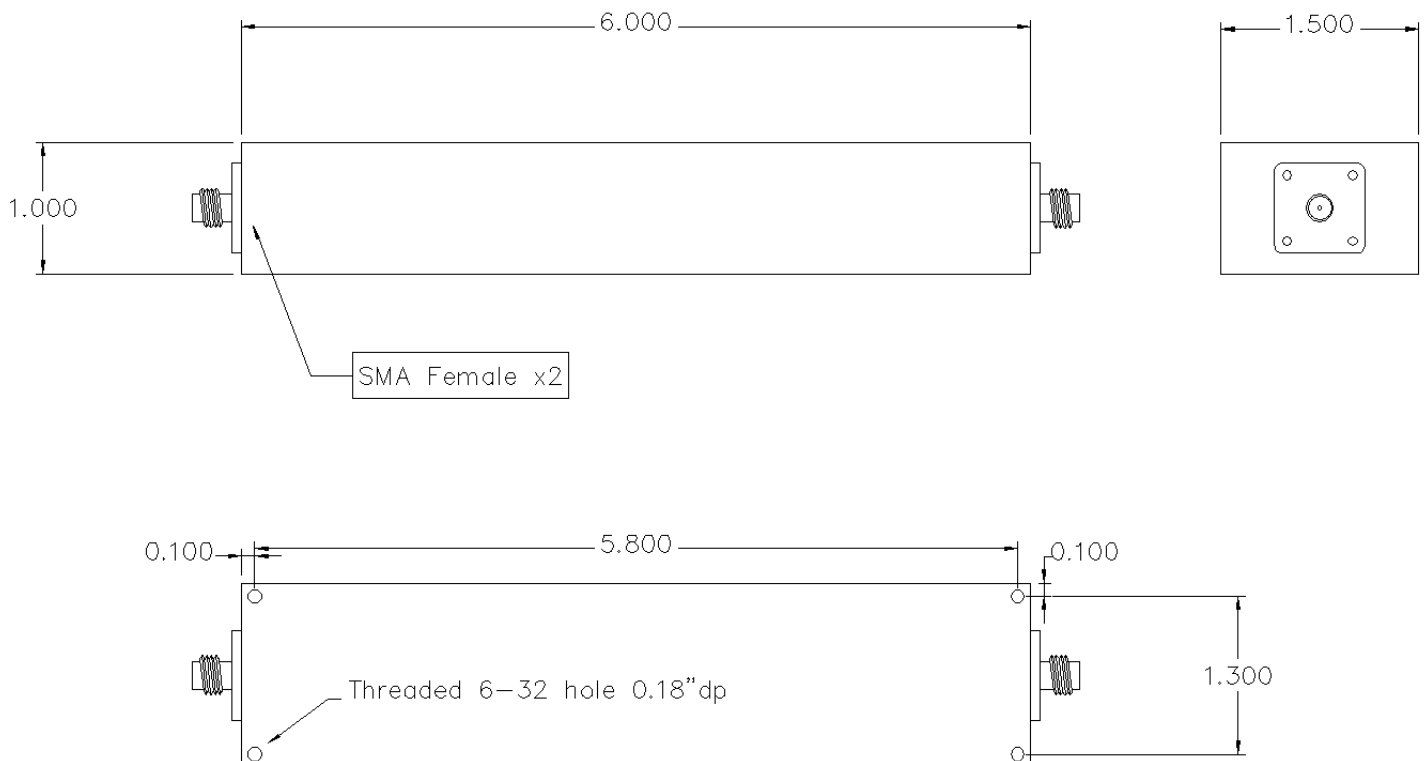
Operating Temperature: -40°C to +70°C

Storage Temperature: -55°C to +85°C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 200 Hz

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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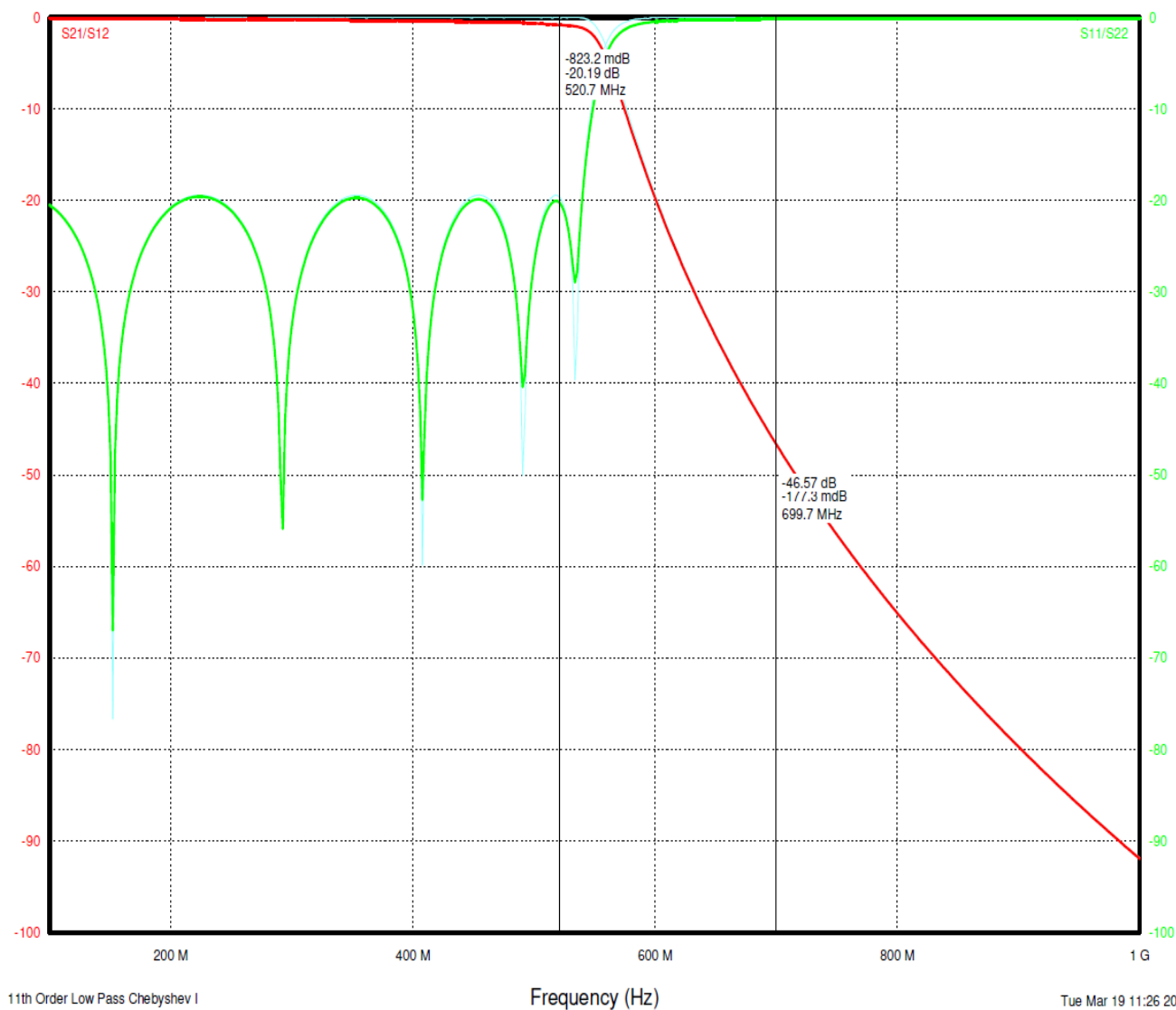
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Simulation Plot :



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