



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1200 MHz LC High Pass Filter

Part Number: AE1200H9917



Electrical Specifications

Cutoff Frequency (Fc): 1200 MHz

1 dB Passband: 1200-2100 MHz

Insertion Loss: 0.5dB Max.

Passband Return Loss: 14dB Min.

Rejection1: 50dB Min. @ 30-88 MHz

Rejection2: 50dB Min. @ 100-164 MHz

Rejection3: 50dB Min. @ 220-512 MHz

Power Handling: 20 W CW Avg.

Mechanical

Connector Type: SMT

Dimensions: 1.25 x 0.5 x 0.35 in

Environmental

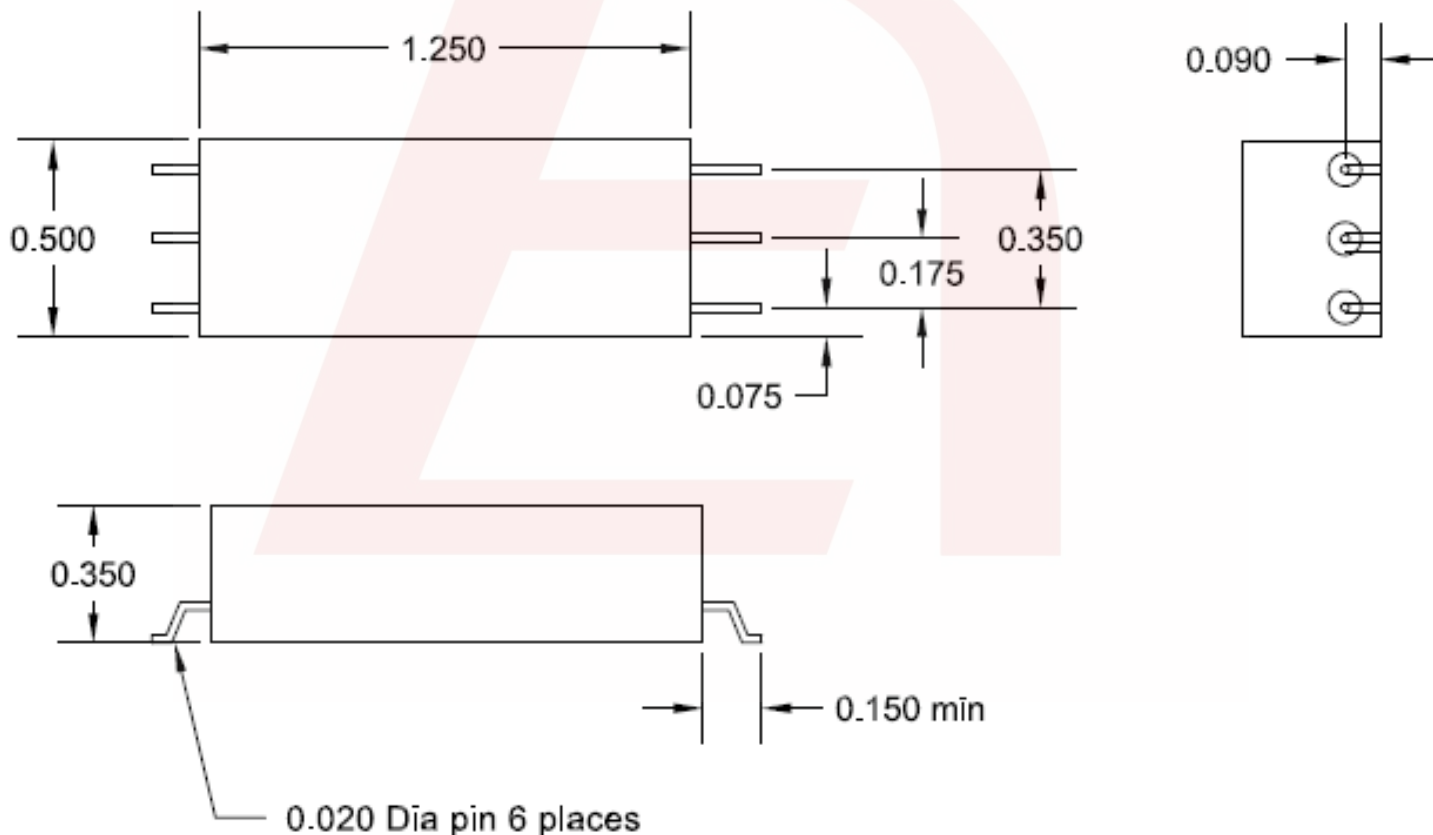
Operating Temperature: -25°C to +70°C

Storage Temperature: -60°C to +90°C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 2000Hz

Outline Drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]

3 decimal places: +/- 0.005 inches [+/- 0.13mm]

Angles: +/- 1 Deg.

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



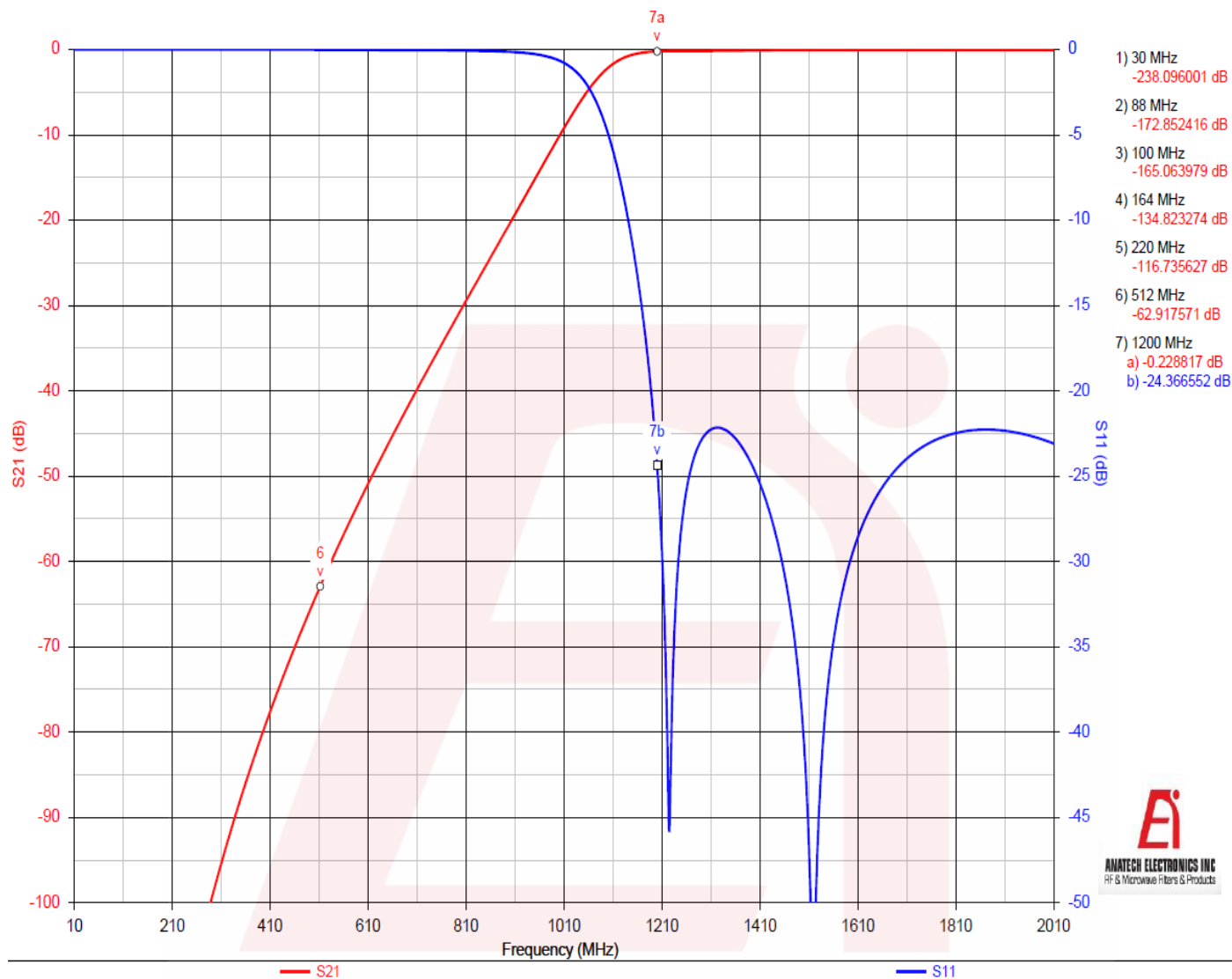
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Simulation Plot :



Note: This is a simulation plot. Actual results may differ once the product is implemented.