



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

70 MHz LC Band Pass Filter

Part Number: AE70B5522



Electrical Specifications

Center Frequency(CF): 70 MHz
3dB Bandwidth(BW): 25 MHz Min.
Insertion Loss @ CF : 3.0 dB Max.
Return Loss @ BW: 14 dB Min.
Rejection1: 65 dB Min. @ 35 MHz
Rejection2: 65 dB Min. @ 105 MHz

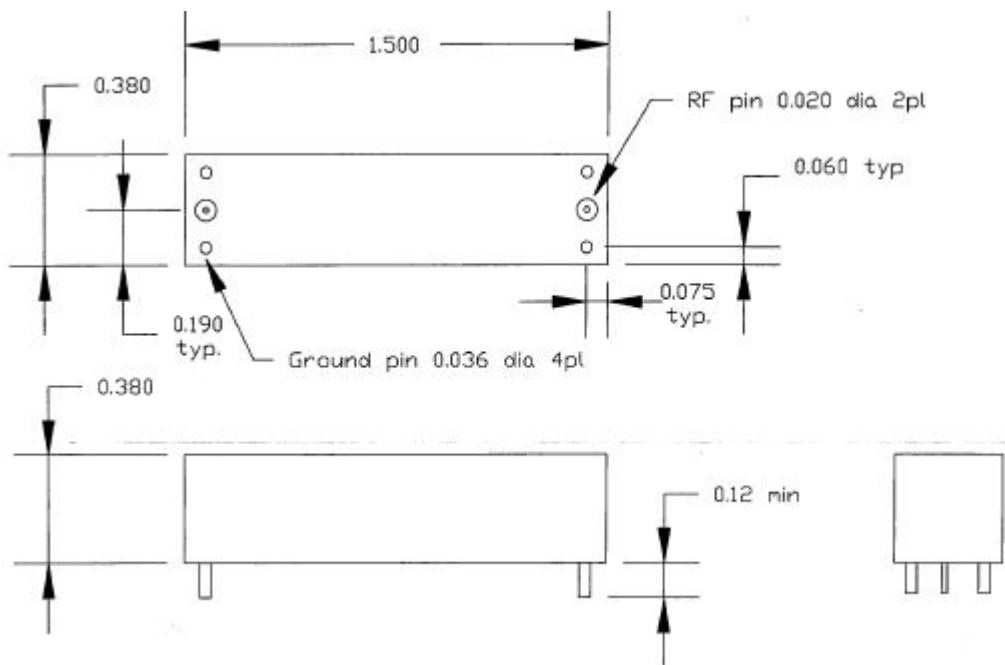
Mechanical

Connector Type: PC-Mount
Dimensions: 1.5" X 0.38" x 0.38" .

Environmental

Operating Temperature: -25°C to +70°C
Storage Temperature: -40°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

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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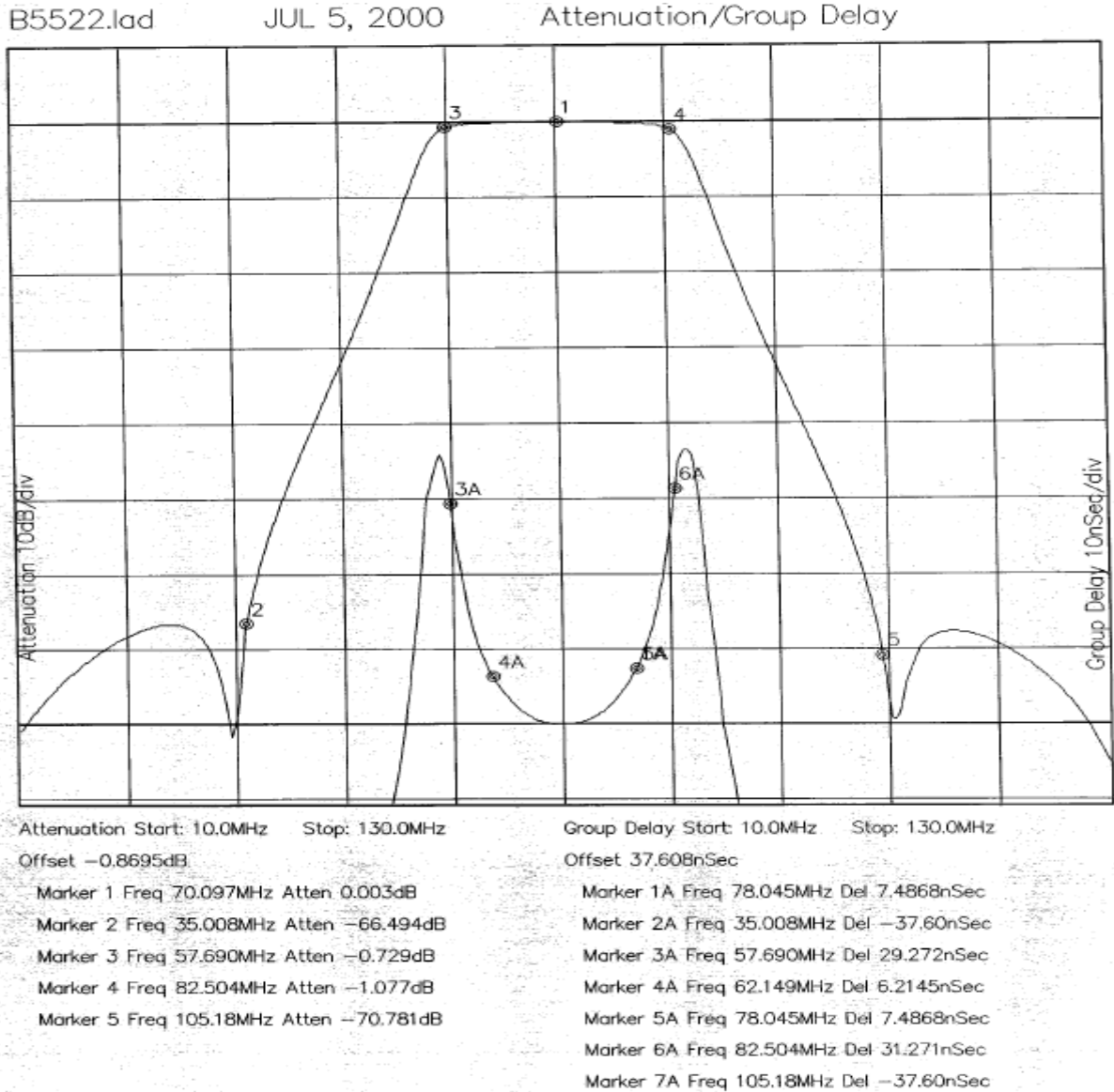
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Simulation Plot:



Note: This is a simulated response plot. Actual performance might differ.