



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

70 MHz LC Band Pass Filter

Part Number: AE70B5576



Electrical Specifications

Center Frequency: 70 MHz

3dB Bandwidth: 20 MHz

Insertion Loss: 3.0 dB Max.

Return Loss: 14 dB Min.

Rejection1: ≥ 55 dB @ 45 MHz

Rejection2: ≥ 55 dB @ 95 MHz

Mechanical

Connector Type: PC-Mount

Dimensions: 1.5" X 0.38" x 0.38" .

Environmental

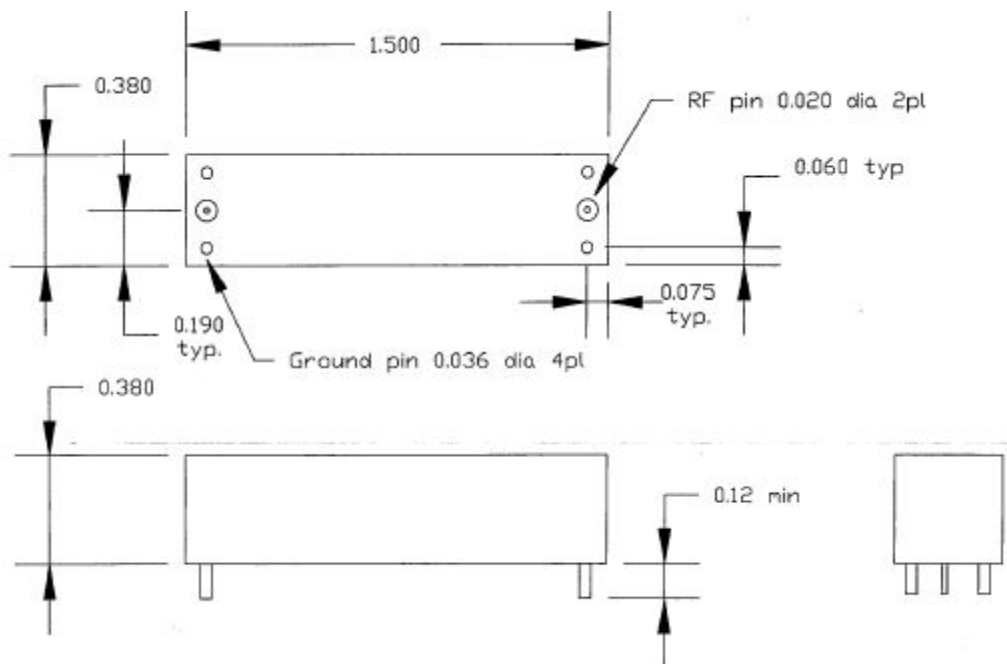
Operating Temperature: -25°C to +70°C

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.

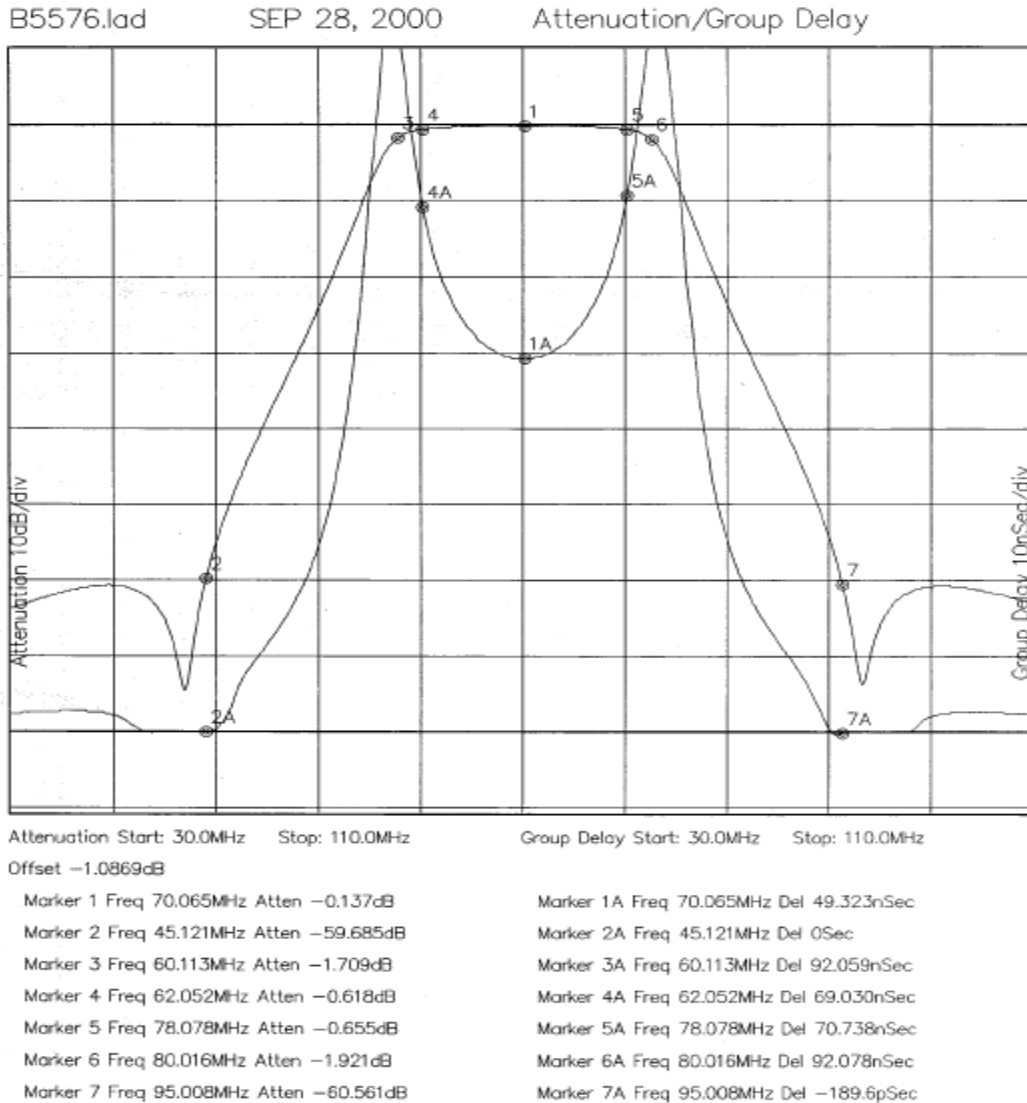
*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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Simulation Plot:



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