



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

256 MHz LC Band Pass Filter

Part Number: **AE256B5456**



Electrical Specifications

Center Frequency: 256 MHz
3dB Passband: 215.6-305 MHz
Insertion Loss: 4.0dB Max.
Return Loss: 14.0dB Min.
Rejection1: 40dB Min @ 182.5 MHz
Rejection2: 40dB Min @ 360 MHz
Power Handling: 10 Watts
Input / output Impedance: 50 Ohms

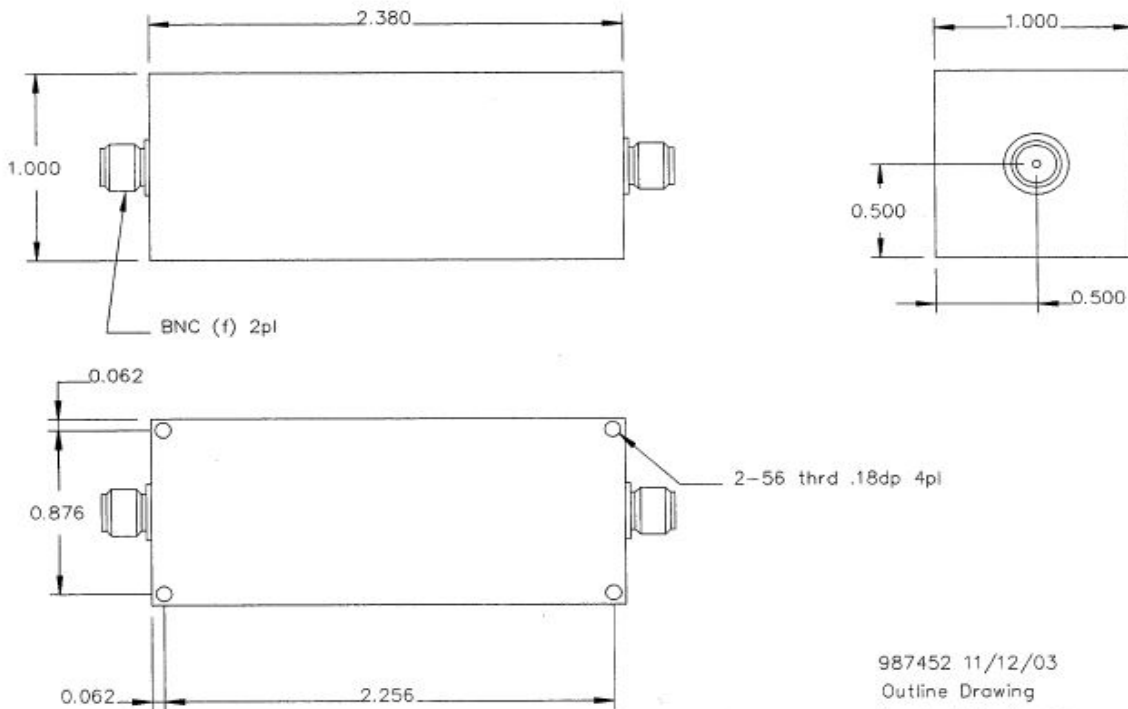
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA(F)
Dimensions: 2.38" X 1.0" x 1.0".

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:



987452 11/12/03
Outline Drawing
Anatech Electronics
(987007)

Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

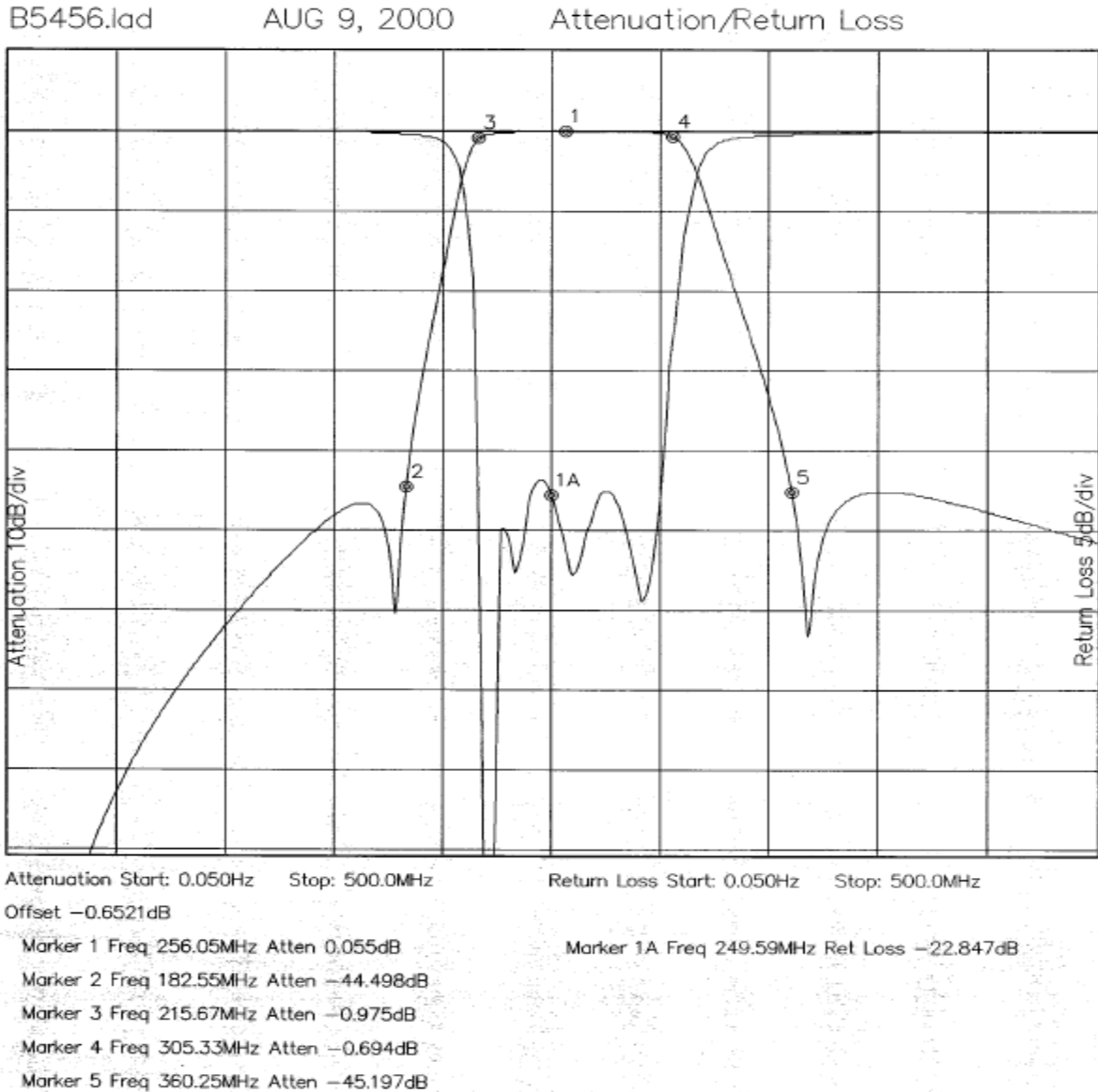
*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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Simulation Plot:



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