



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

160 MHz LC Band Pass Filter

Part Number: AE160B6097



Electrical Specifications

Center Frequency: 160 MHz
Bandwidth: 100 MHz
Insertion Loss: 3.0dB Max.
Return Loss: 14dB Min.
Rejection: $\geq 50\text{dB}$ @ 90 MHz
Rejection2: $\geq 50\text{dB}$ @ 230 MHz

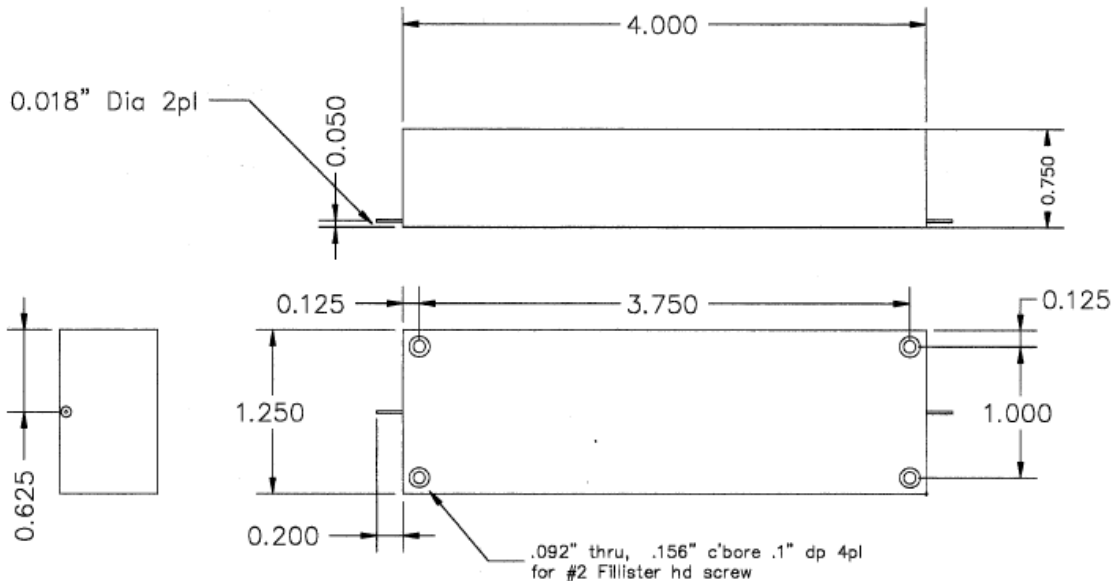
Mechanical

Mounting Method: Through Holes
Connector Type: Drop-in
Dimensions: 4.0" X 1.25" x 0.75"

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:





ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

160 MHz LC Band Pass Filter

Part Number: AE160B6097

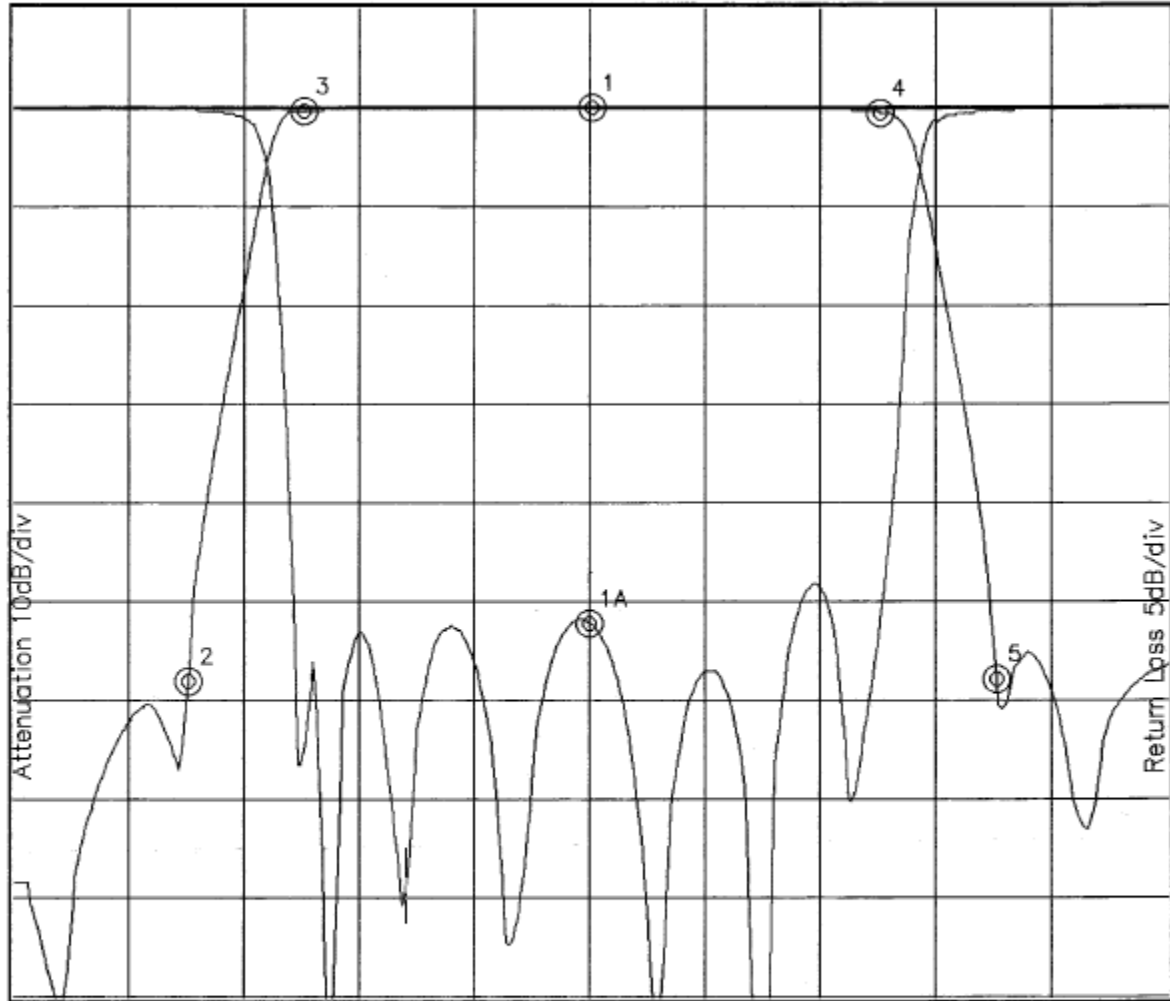


Simulation Plot:

B6097.lad

OCT 22, 2001

Attenuation/Return Loss



Attenuation Start: 60.0MHz Stop: 260.0MHz

Return Loss Start: 60.0MHz Stop: 260.0MHz

Offset -0.2173dB

Marker 1 Freq 160.16MHz Atten -0.044dB
Marker 2 Freq 90.048MHz Atten -58.556dB
Marker 3 Freq 110.08MHz Atten -0.426dB
Marker 4 Freq 210.24MHz Atten -0.566dB
Marker 5 Freq 230.27MHz Atten -58.213dB

Marker 1A Freq 159.83MHz Ret Loss -26.259dB