



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

360 MHz LC Bandpass Filter

Part Number: AE360B10008



Electrical Specifications

Center Frequency: 360 MHz
Bandwidth: 262 MHz
Passband : 231 MHz to 492 MHz
Insertion Loss: $\leq 1\text{dB}@360\text{ MHz}$
Return Loss: $>15\text{dB @ } 231\text{ MHz to } 492\text{ MHz}$
Rejection: $>60\text{dB @ } 0\text{-}100\text{ MHz}$
Rejection2: $>15\text{dB @ } 210\text{ MHz to } 216\text{ MHz}$
Rejection3: $>35\text{dB @ } 800\text{ MHz to } 5000\text{ MHz}$
Impedance: 50 Ohms

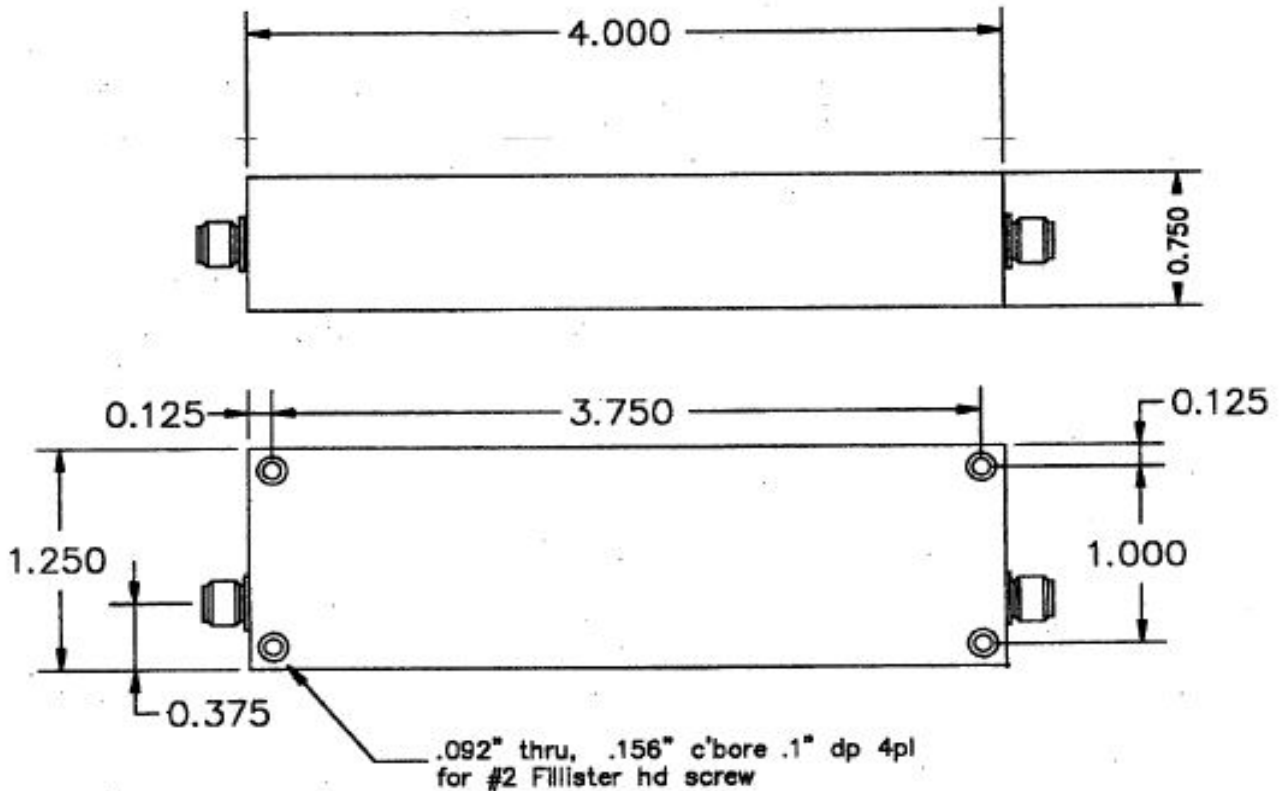
Mechanical

Mounting Method: Through Holes
Connector Type: SMA
Dimensions: 4.0" x 1.25" x 0.75" in.

Environmental

Operating Temperature: $-25^{\circ}\text{C to } +70^{\circ}\text{C}$
Storage Temperature: $-40^{\circ}\text{C to } +90^{\circ}\text{C}$
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:



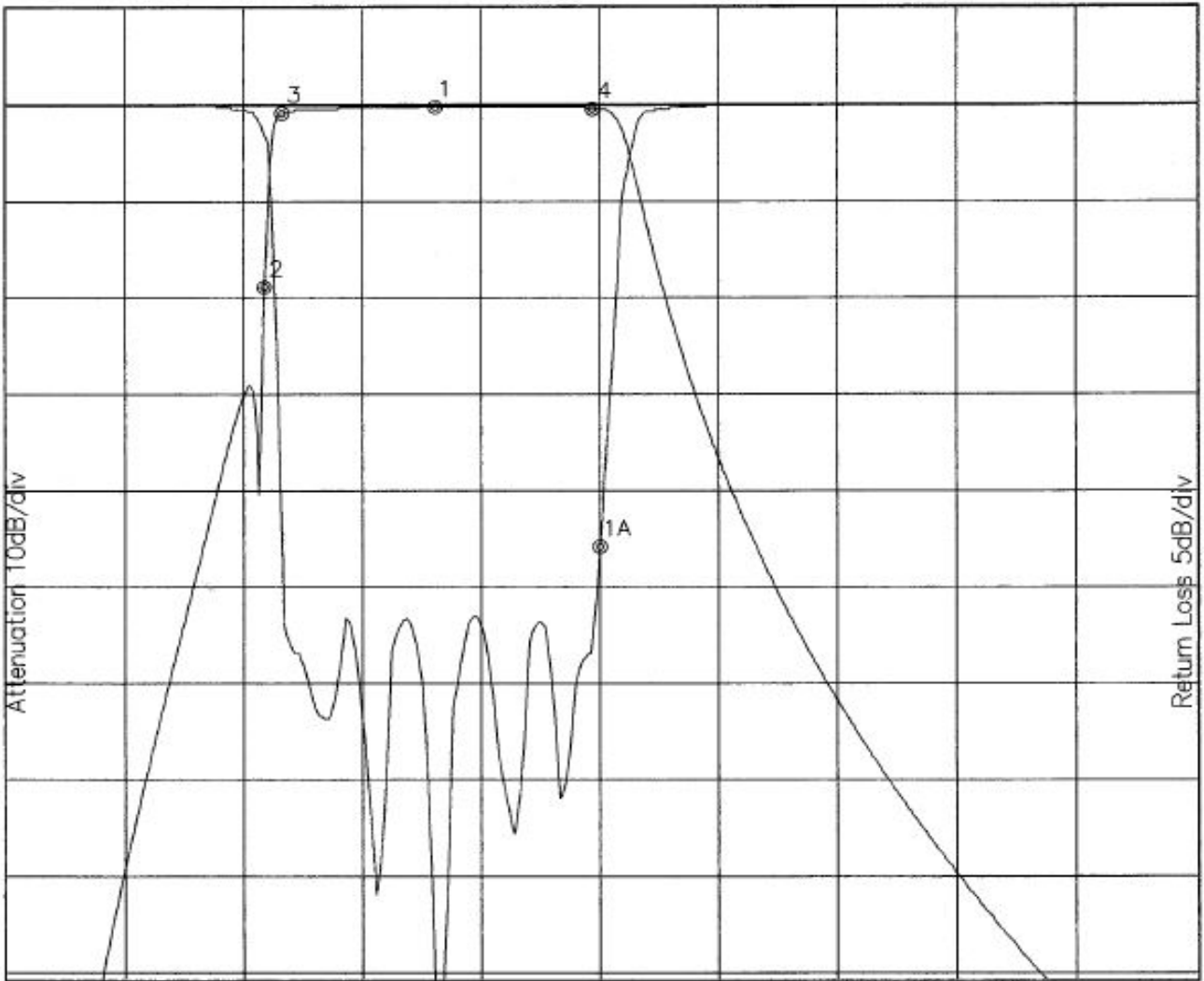


Response Plot:

B10008.lad

FEB 13, 2008

Attenuation/Return Loss



Attenuation Start: 0.10Hz Stop: 1000.0MHz

Return Loss Start: 0.10Hz Stop: 1000.0MHz

Marker 1 Freq 360.25MHz Atten -0.231dB
Marker 2 Freq 216.47MHz Atten -18.809dB
Marker 3 Freq 231.01MHz Atten -0.861dB
Marker 4 Freq 492.73MHz Atten -0.345dB

Marker 1A Freq 499.19MHz Ret Loss -22.915dB