



Electrical Specifications

Center Frequency: 360 MHz
Bandwidth: 262 MHz
Passband : 231 MHz to 492 MHz
Insertion Loss: $\leq 1\text{dB}$ @ 360 MHz
Return Loss: $>15\text{dB}$ @ 231 MHz to 492 MHz
Rejection: $>60\text{dB}$ @ 0-100 MHz
Rejection2: $>15\text{dB}$ @ 210 MHz to 216 MHz
Rejection3: $>35\text{dB}$ @ 800 MHz to 2000 MHz
Impedance: 50 Ohms
Power Handling: 30 W CW

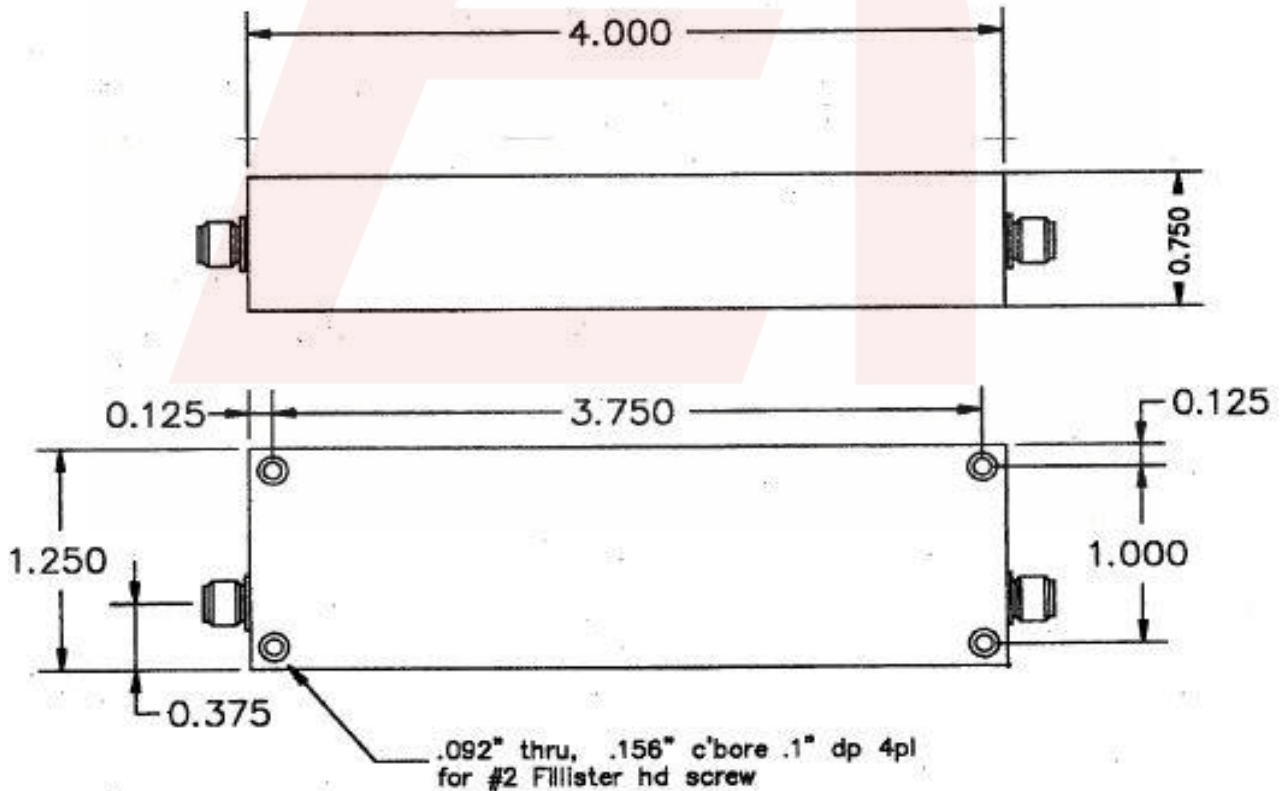
Mechanical

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

Environmental

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

Outline Drawing:



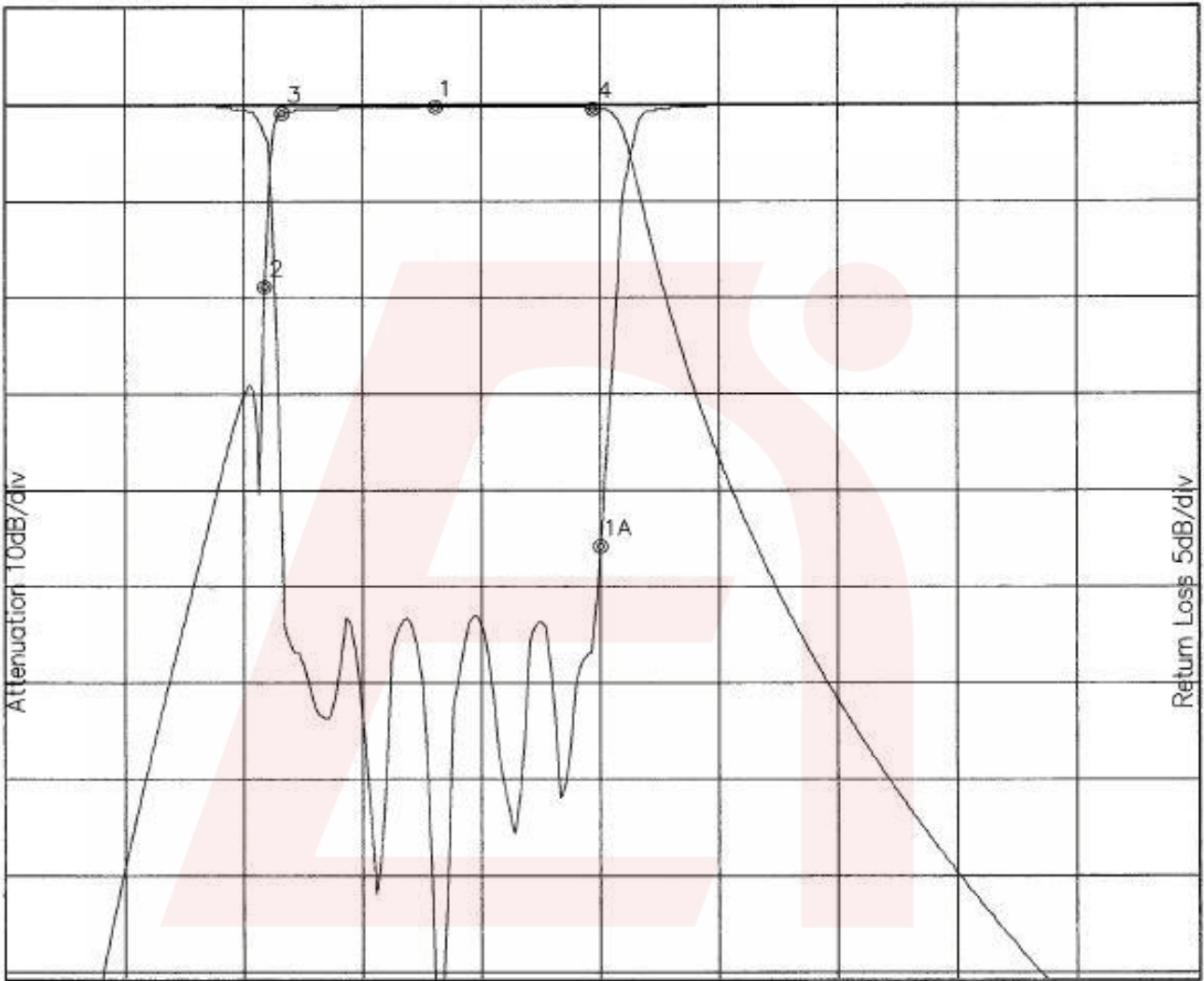


Response Plot:

B10008.lad

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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