



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

72 MHz LC Band Pass Filter

Part Number: AE72B6225



Electrical Specifications

Center Frequency: 72 MHz

Passband: 70-74 MHz

Insertion Loss: 3.0dB Max.

Return Loss: 14dB Min.

Mechanical

Connector Type: PC-Mount

Dimensions: 1.5" X 0.75" x 0.5" .

Environmental

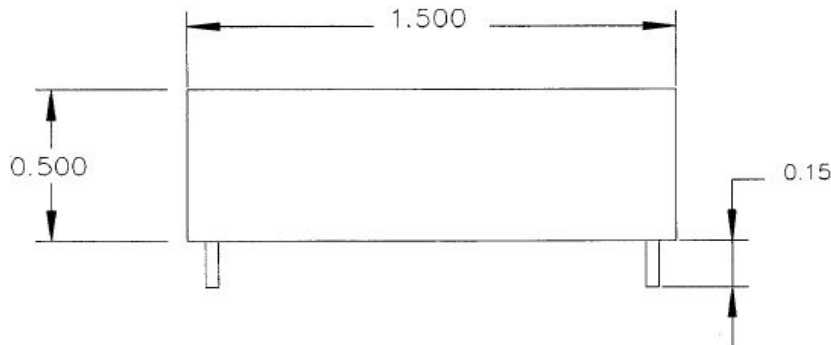
Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +90°C

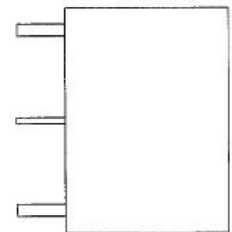
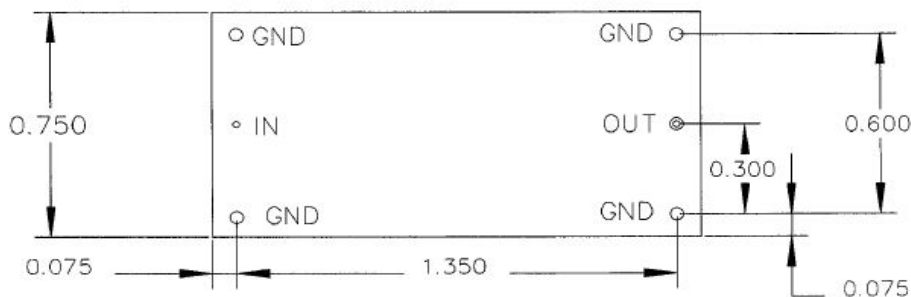
Shock: 10 G. 11ms

Vibration: 10 G. 5 to 200Hz

Outline Drawing:



IN/OUT pin 0.02" dia, GND pin 0.04" dia



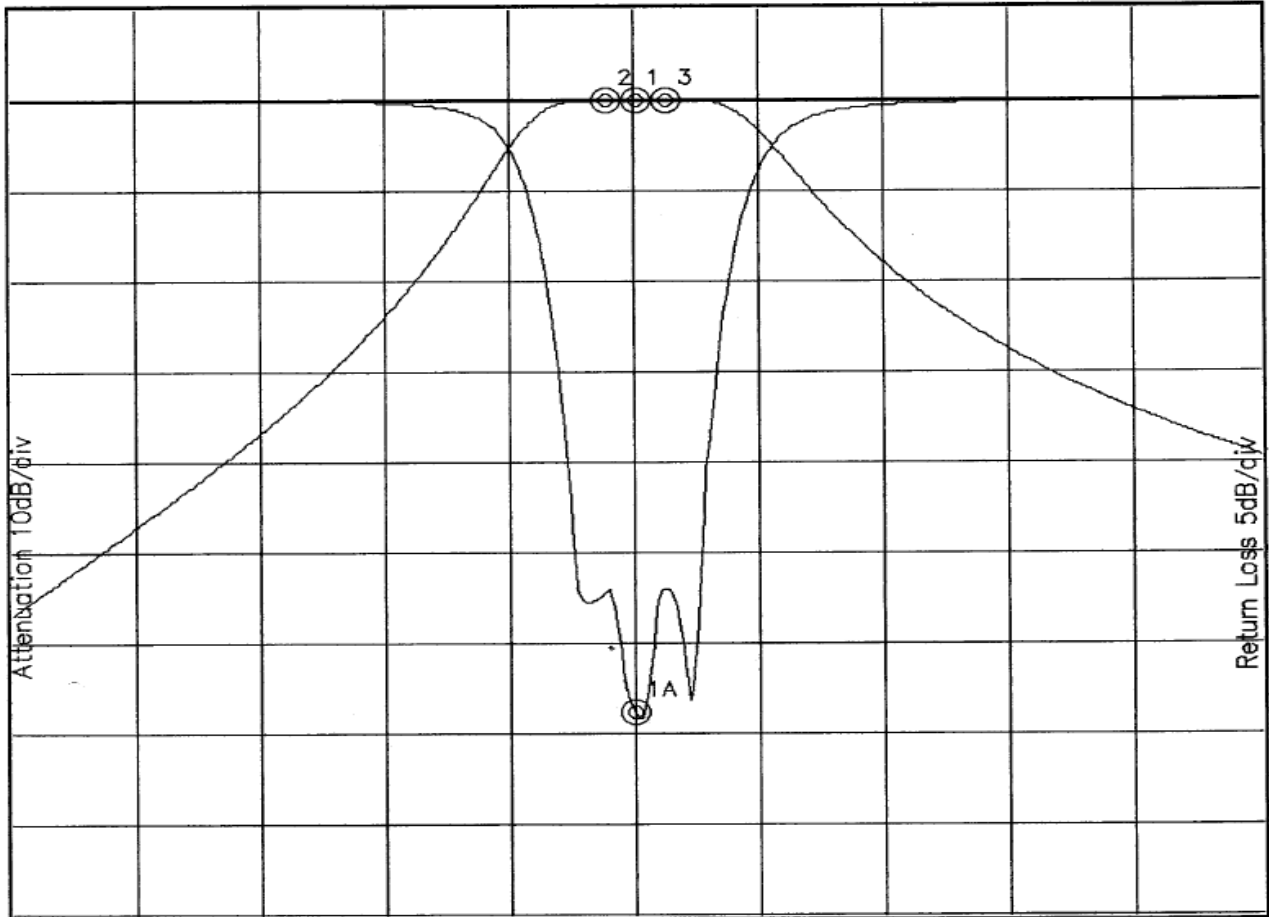


Response Plot:

B6225.lad

MAY 6, 2002

Attenuation/Return Loss



Attenuation Start: 32.0MHz Stop: 112.0MHz

Return Loss Start: 32.0MHz Stop: 112.0MHz

Offset -1.0869dB

Marker 1 Freq 72.065MHz Atten 0.067dB

Marker 1A Freq 71.935MHz Ret Loss -34.064dB

Marker 2 Freq 70.126MHz Atten 0.010dB

Marker 3 Freq 74.003MHz Atten 0.050dB