



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

40 MHz LC Band Pass Filter

Part Number: AE40B6207



Electrical Specifications

Center Frequency: 40 MHz

Bandwidth: 2 MHz Min.

Insertion Loss: 2.0dB Max.

Return Loss: 14dB Min.

Rejection: $\geq 50\text{dB}$ @ 34 MHz

Rejection2: $\geq 50\text{dB}$ @ 46 MHz

Mechanical

Connector Type: SMT

Dimensions: 1.5" X 0.75" x 0.5" .

Environmental

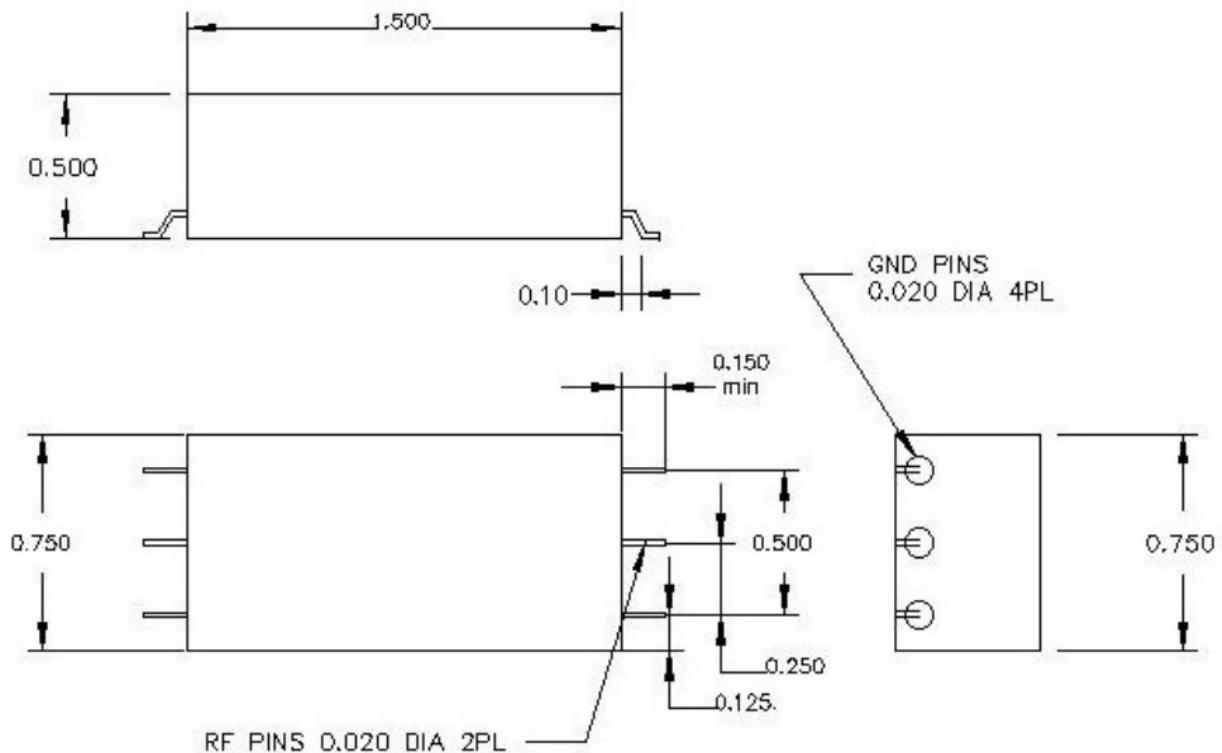
Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +90°C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 200Hz

Outline Drawing:



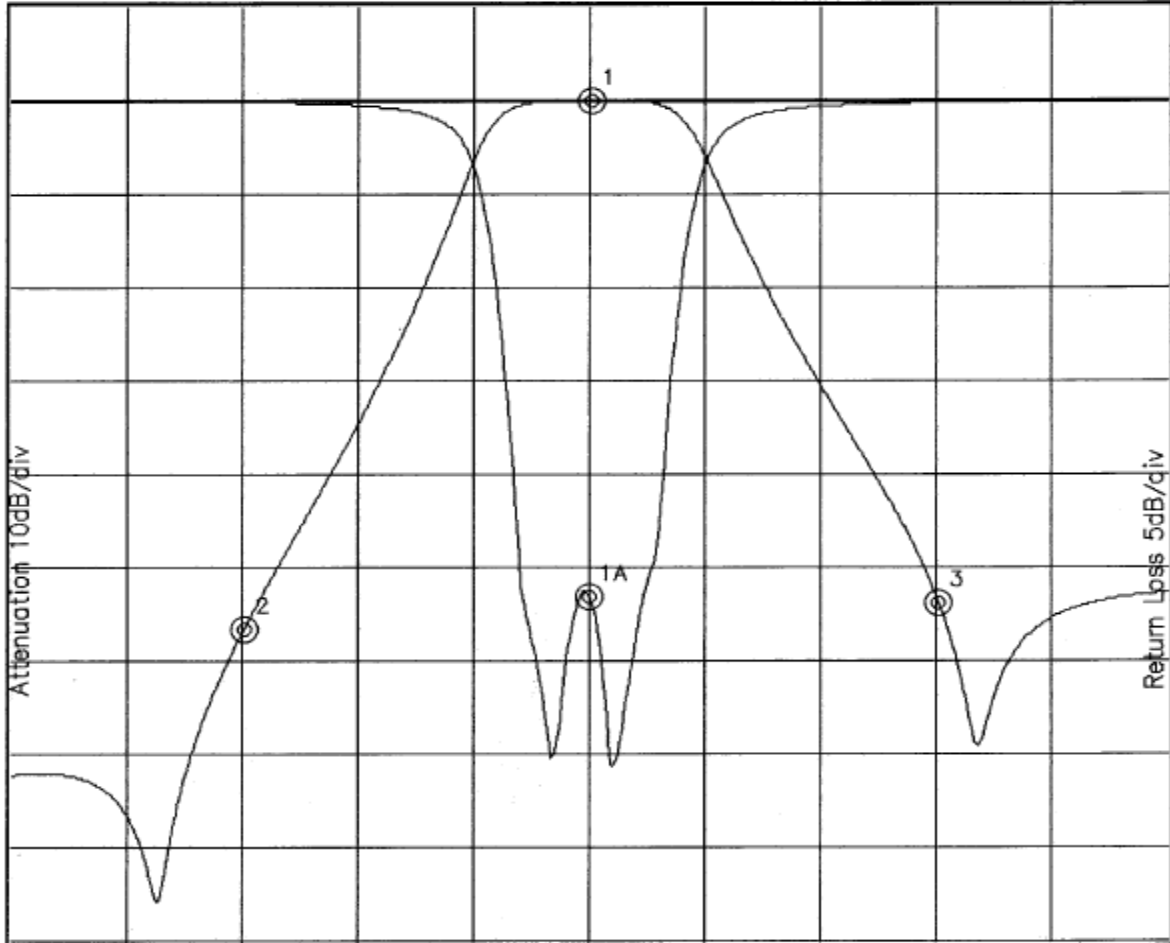


Response Plot:

B6207.lad

FEB 1, 2002

Attenuation/Return Loss



Attenuation Start: 30.0MHz Stop: 50.0MHz

Return Loss Start: 30.0MHz Stop: 50.0MHz

Offset -1.9565dB

Marker 1 Freq 40.016MHz Atten 0.052dB

Marker 1A Freq 39.984MHz Ret Loss -26.791dB

Marker 2 Freq 34.006MHz Atten -56.972dB

Marker 3 Freq 46.026MHz Atten -54.147dB