



18-30 MHz LC Lowpass Filter

Part Number: AE30L9097



Electrical specifications

Cutoff Frequency (FC): 24 MHz

Passband: 18-30 MHz

Insertion loss over Passband: 3 dB Min

Return loss Over Passband: 15 dB Max

Rejection @ 36 MHz: 40 dB Max

Mechanical

Mounting Method: Thru Holes

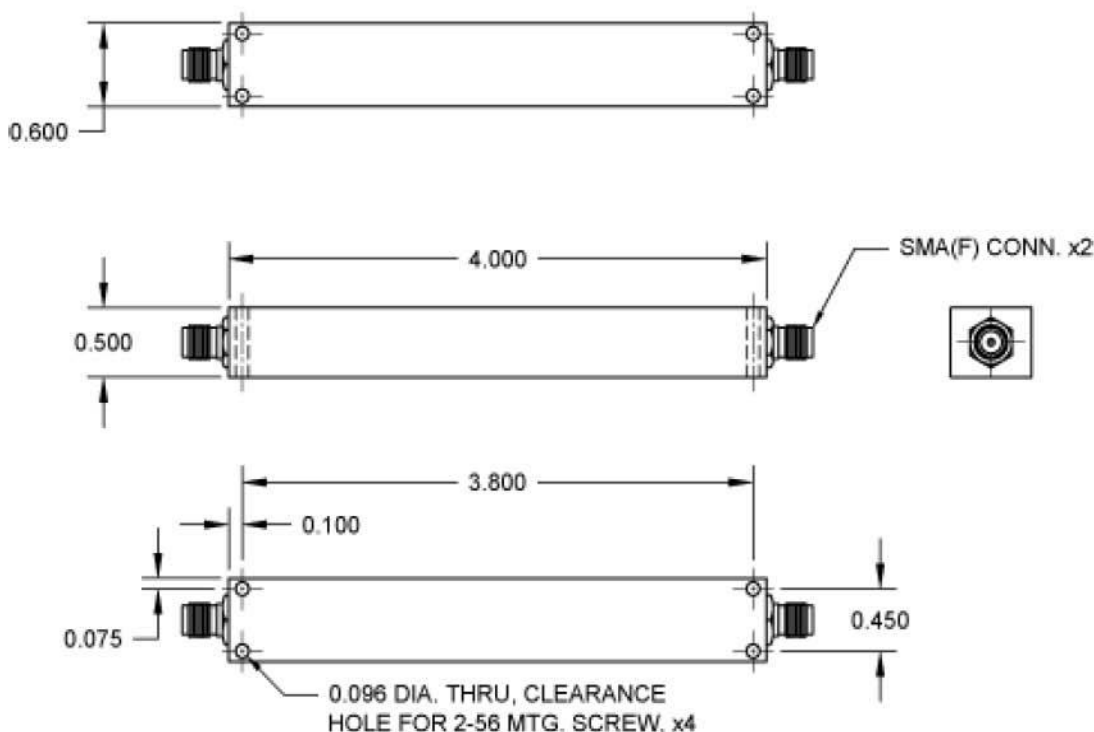
Dimensions: 4 x 0.6 x 0.6 Inches

Environmental

Operating Temperature: -40 to +85° C

Storage Temperature: -55 to +95° C

Outline Drawing:



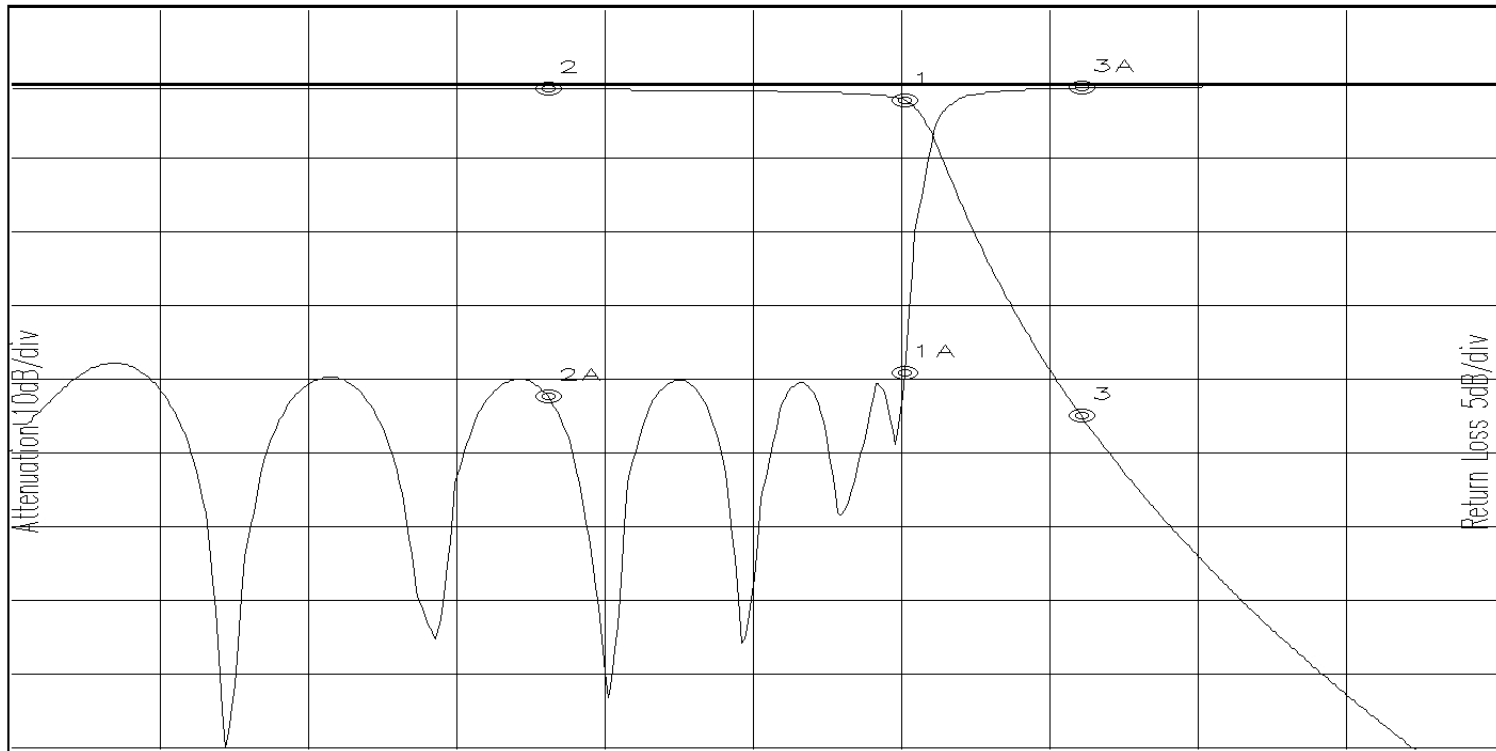


Response Plot

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Attenuation/Return Loss



Attenuation Start: 0.005Hz Stop: 50.0MHz

Return Loss Start: 0.005Hz Stop: 50.0MHz

Marker 1 Freq 30.048MHz Atten -2.175dB
 Marker 2 Freq 18.013MHz Atten -0.726dB
 Marker 3 Freq 36.026MHz Atten -45.310dB

Marker 1A Freq 30.048MHz Ret Loss -19.633dB
 Marker 2A Freq 18.013MHz Ret Loss -21.324dB
 Marker 3A Freq 36.026MHz Ret Loss -0.262dB