



Electrical specifications

Center Frequency: 70 MHz
Center Frequency Insertion Loss: 4 dB max.
Input / Output Impedance: 50 Ohms
1 dB Passband Bandwidth: 10 MHz
Passband Return Loss: 12 dB min.
Rejection: 50 dBc from 0 MHz to 57 MHz
Rejection 2: 50 dBc min from 83 MHz to 500 MHz
Power Handling: 30 dBm

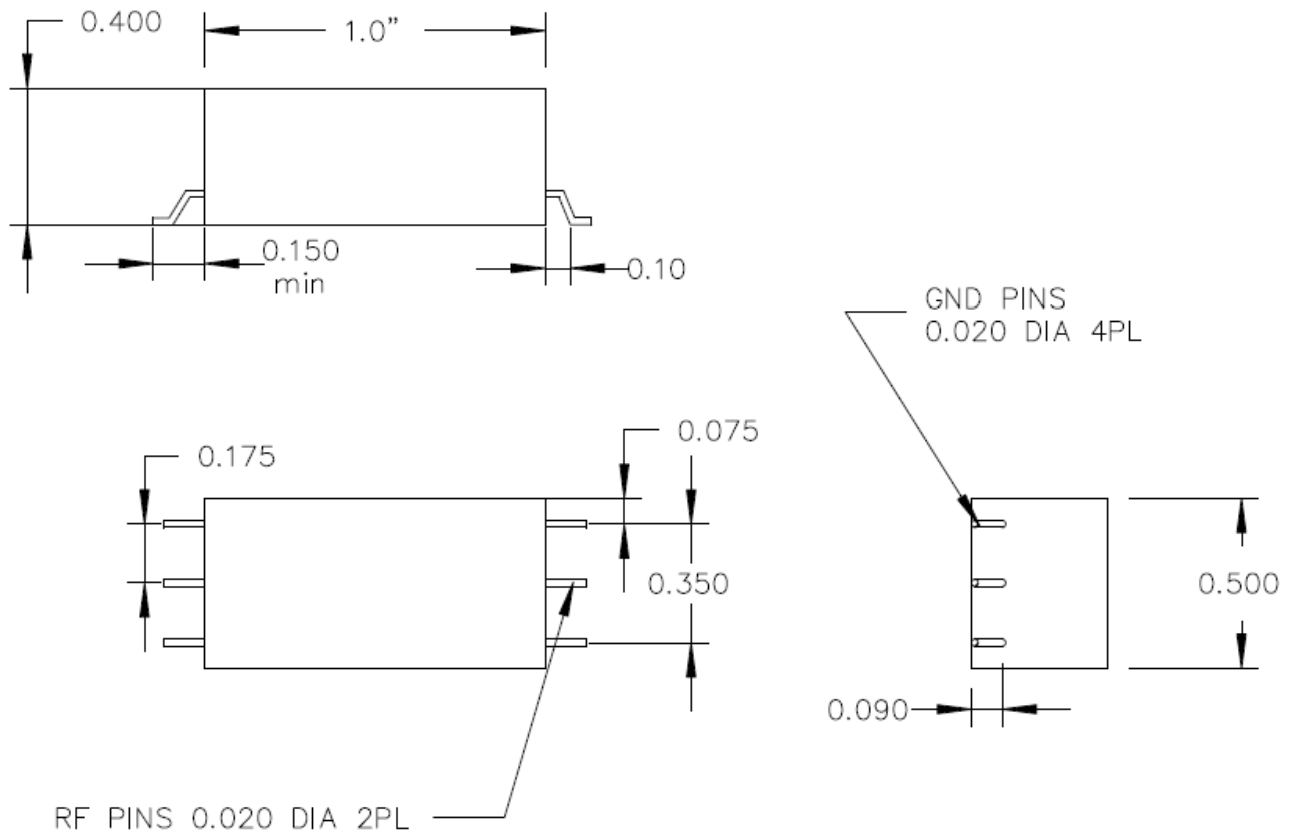
Mechanical

Dimensions: 1 x 0.5 x 0.4 inches

Environmental

Operating Temperature: -45 to +85 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





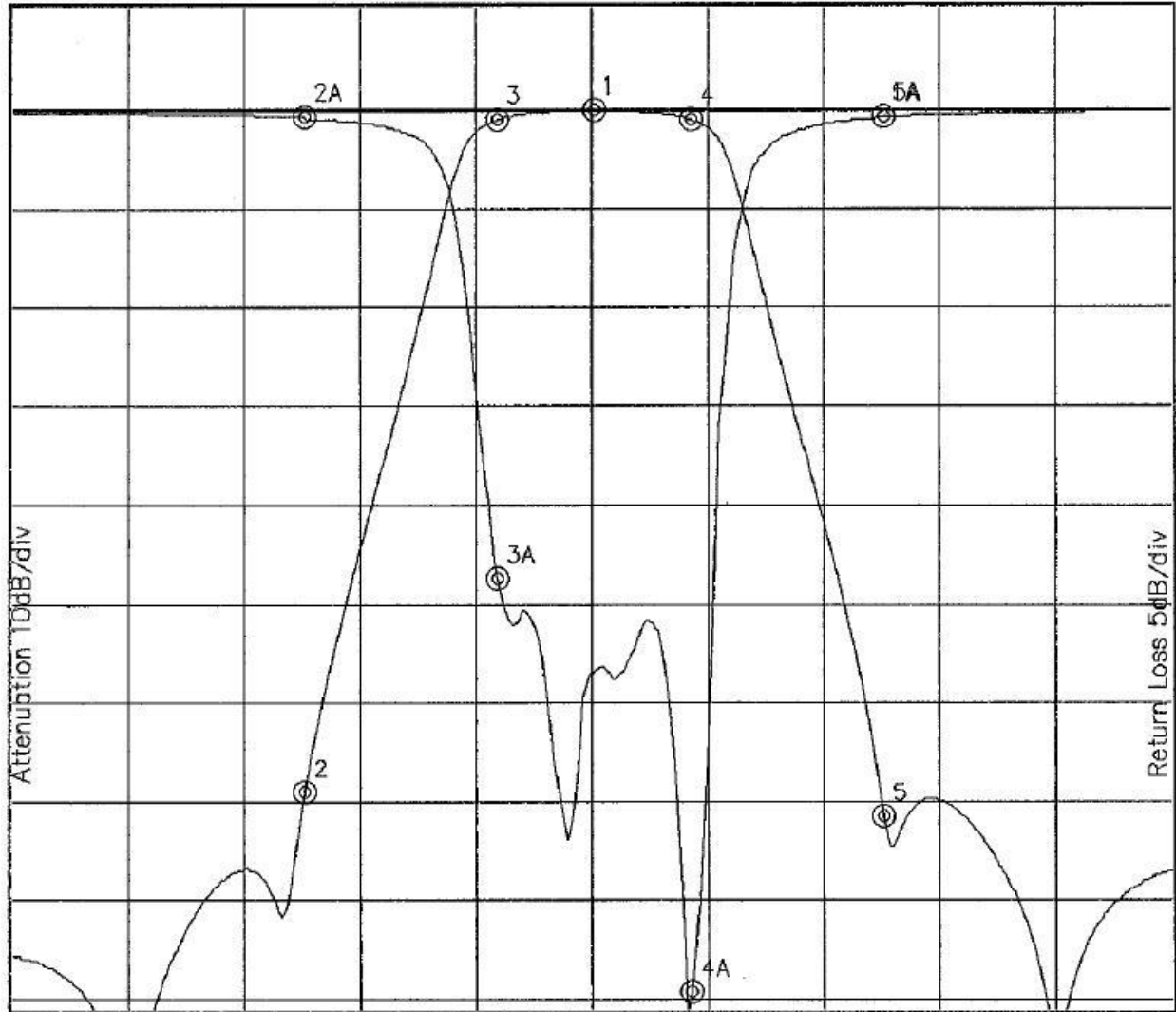
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

70 MHz Bandpass Filter

Part Number: AE70B10901



Response Plot:



Attenuation Start: 40.0MHz Stop: 100.0MHz

Return Loss Start: 40.0MHz Stop: 100.0MHz

Offset -2.3913dB

Marker 1 Freq 70.048MHz Atten 0.037dB
 Marker 2 Freq 55.024MHz Atten -68.801dB
 Marker 3 Freq 65.008MHz Atten -0.929dB
 Marker 4 Freq 75.089MHz Atten -0.932dB
 Marker 5 Freq 85.073MHz Atten -71.024dB

Marker 1A Freq 85.073MHz Ret Loss -0.347dB
 Marker 2A Freq 55.024MHz Ret Loss -0.376dB
 Marker 3A Freq 65.008MHz Ret Loss -23.557dB
 Marker 4A Freq 75.089MHz Ret Loss -44.434dB
 Marker 5A Freq 85.073MHz Ret Loss -0.347dB