



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

266.5 MHz LC Bandpass Filter

Part Number: AE266.5B5314



Electrical Specifications

Center Frequency: 266.5 MHz

1.5dB Passband: 202 MHz to 331 MHz

Insertion Loss: <1.5dB

Return Loss: >14.0dB

Ripple: 0.01dB

Rejection: ≥50dB @ 0-153 MHz

Rejection2: ≥50dB @ 404 MHz to 662 MHz

Rejection3: ≥35dB @ 662 MHz to 3000 MHz

Impedance: 50 Ohms

Mechanical

Connector Type: Surface-Mount

Dimensions: 2.0" x 0.5" x 0.4" in.

Environmental

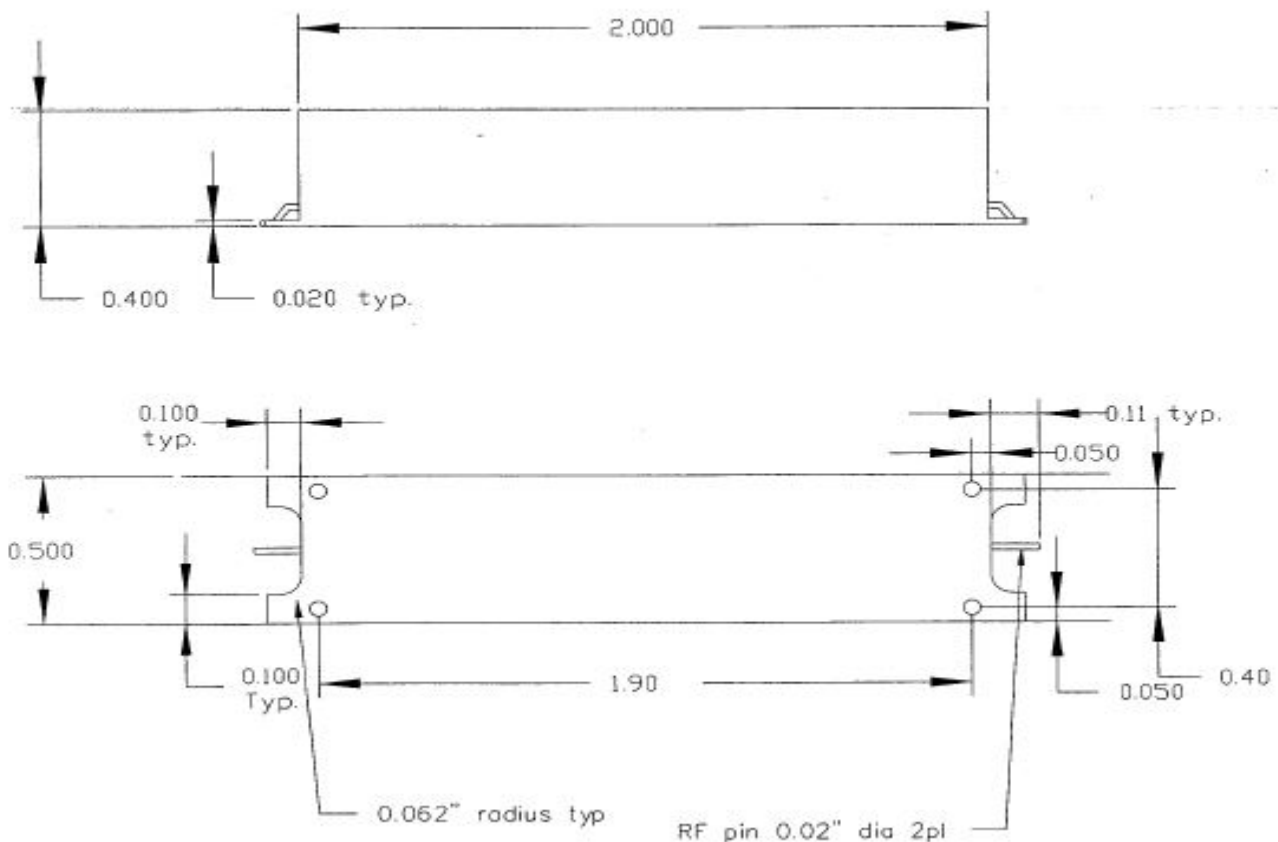
Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +90°C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 200Hz

Outline Drawing:





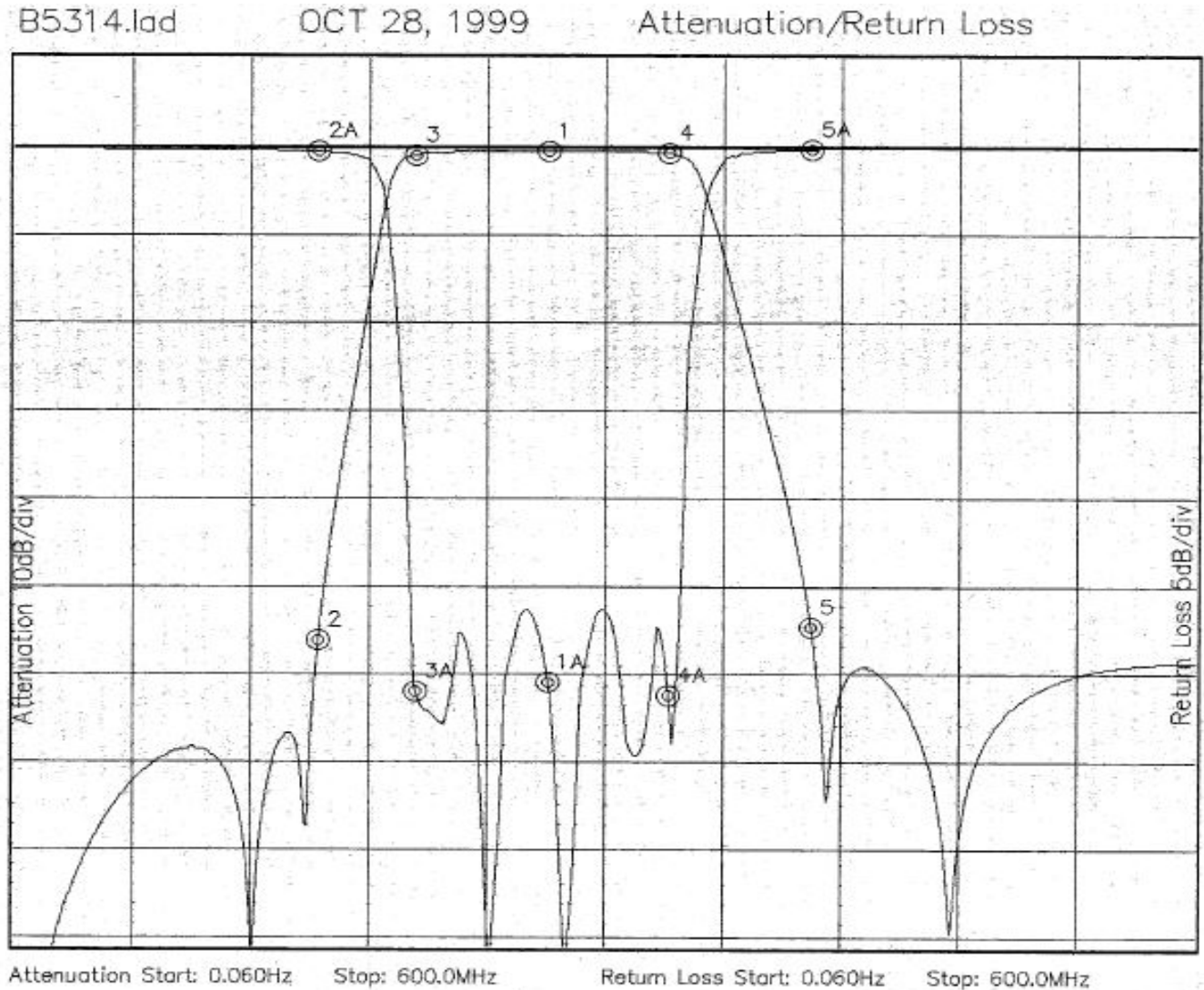
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Response Plot:



Marker 1 Freq 270.43MHz Atten -0.400dB
Marker 2 Freq 153.15MHz Atten -55.858dB
Marker 3 Freq 202.58MHz Atten -0.836dB
Marker 4 Freq 331.50MHz Atten -0.689dB
Marker 5 Freq 404.20MHz Atten -54.364dB

Marker 1A Freq 270.43MHz Ret Loss -30.305dB
Marker 2A Freq 153.15MHz Ret Loss -0.236dB
Marker 3A Freq 202.58MHz Ret Loss -30.856dB
Marker 4A Freq 331.50MHz Ret Loss -31.047dB
Marker 5A Freq 404.20MHz Ret Loss -0.091dB