



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 14 MHz LC Bandpass Filter

**Part Number: AE14B10526**



## Electrical Specifications

**Center Frequency:** 14 MHz

**Bandwidth:** 29 MHz

**Passband :** 1 MHz to 30 MHz

**Insertion Loss at 14 MHz :** ≤1 dB Max.

**Insertion Loss at 1 MHz :** ≤ 3.0 dB

**Insertion Loss at 30 MHz :** ≤ 3.0 dB

**Impedance:** 50 Ohms

**VSWR:** 1:5:1 max

**Power:** 5 Watts Max.

## Mechanical

**Mounting Method:** Through Holes

**Connector Type:** PC-Mount

**Dimensions:** 0.984" X 0.39" x0.40" in.

## Environmental

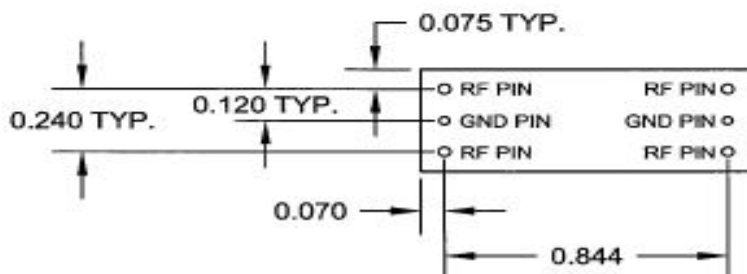
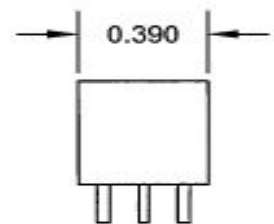
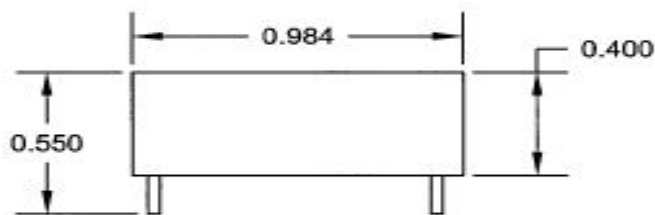
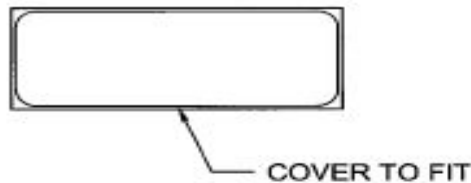
**Operating Temperature:** -25°C to +70°C

**Storage Temperature:** -40°C to +90°C

**Shock:** 10 G. 11ms

**Vibration:** 10 G. 5 to 200 Hz

## Outline Drawing:





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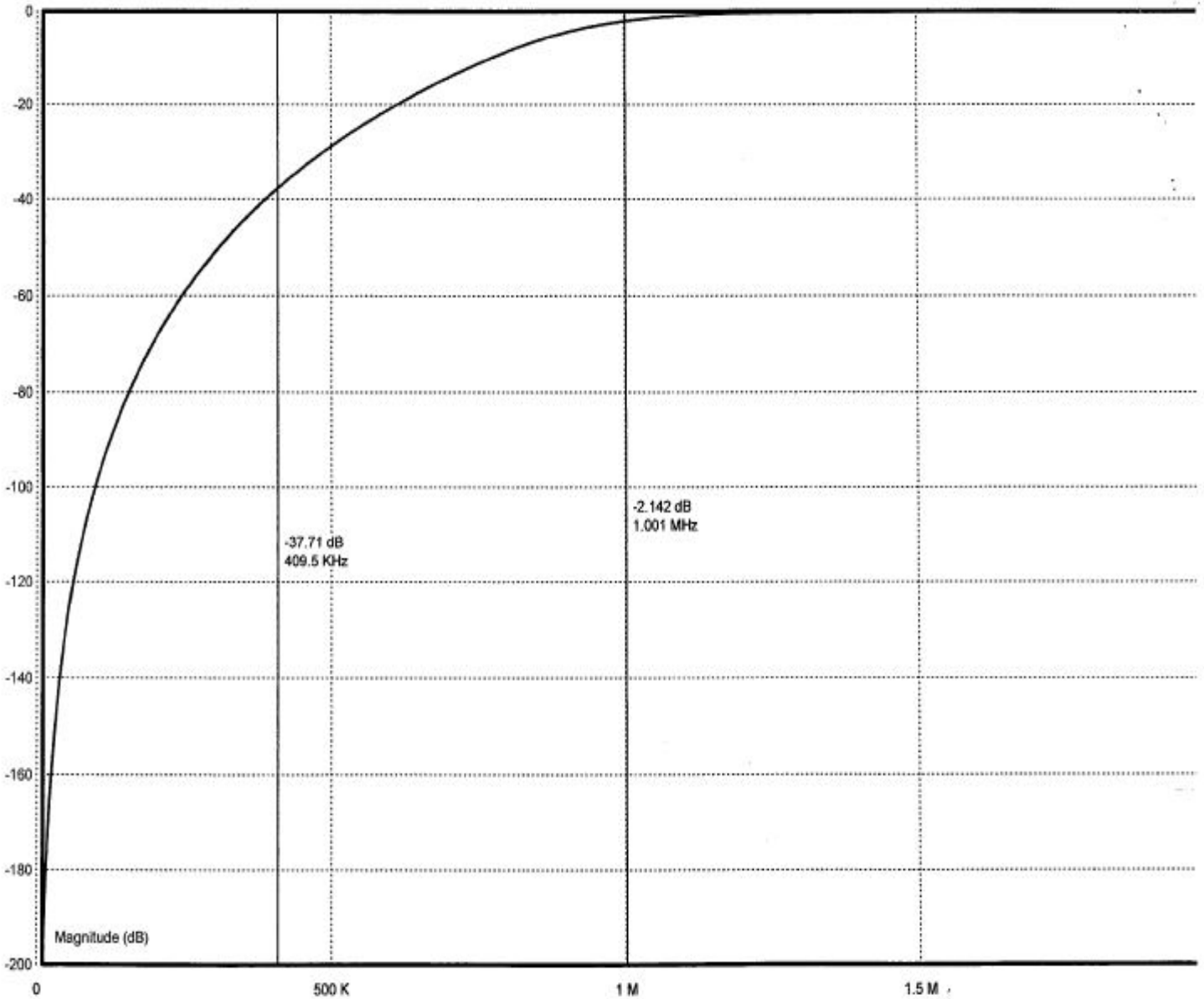
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## Response Plot-1:

Lumped Circuit Frequency Response



5th Order Band Pass Butterworth  
*Low Side*

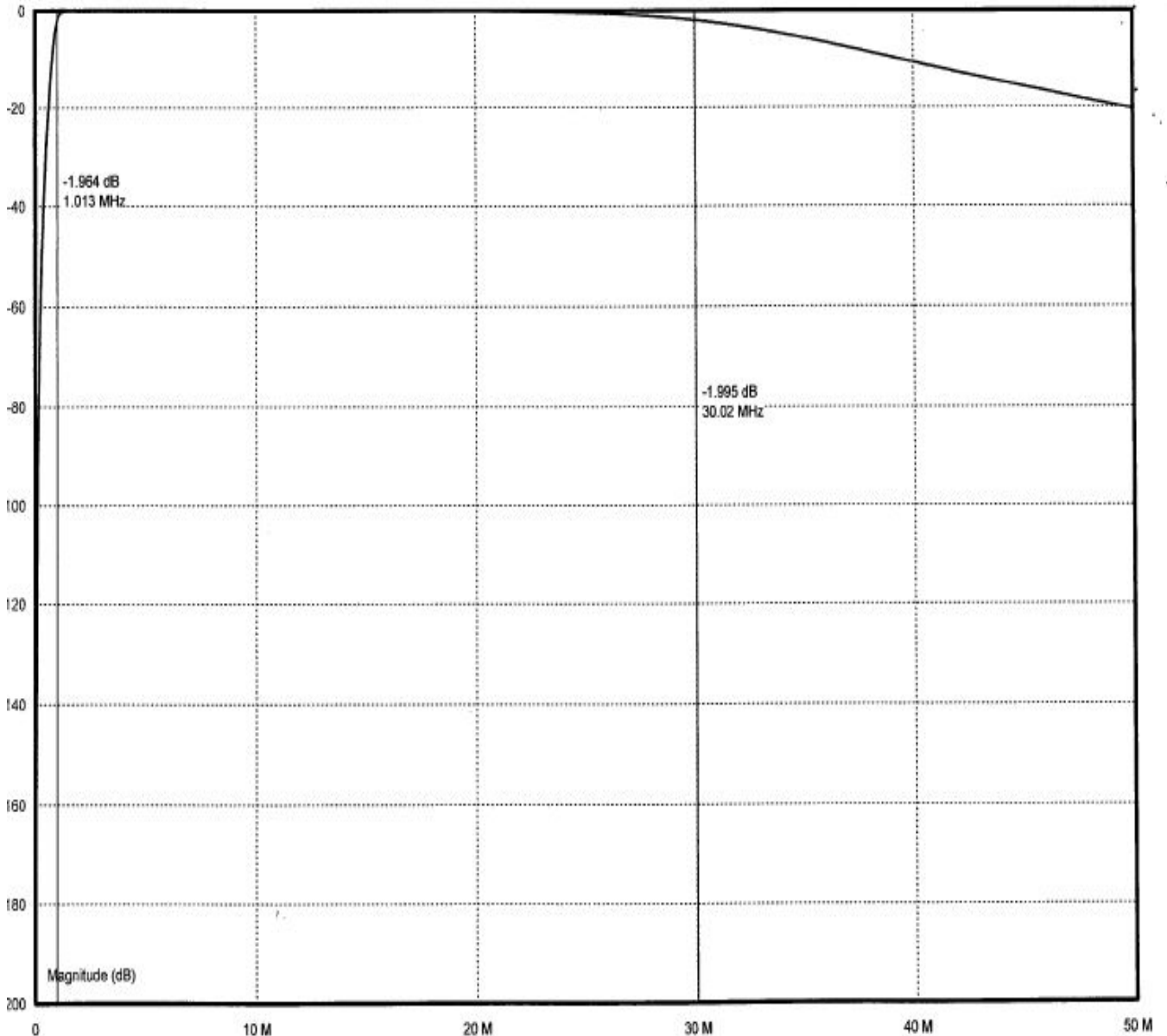
Frequency (Hz)

Fri Apr 06



### Response Plot-2:

Lumped Circuit Frequency Response



1 Order Band Pass Butterworth

*Middo*

Frequency (Hz)

Fri Apr 09 09:06 2



### Response Plot-3:

Lumped Circuit Frequency Response

