



# 60 MHz LC Bandpass Filter

**Part Number: AE60B11156**



## Electrical Specifications

**Center Frequency:** 60 MHz  
**1 dB Bandwidth:** 10 MHz  
**Insertion Loss @ Center:** 2.0 dB Max  
**Return Loss @ 1dB BW:** 14 dB Min  
**Phase Linearity:** 10 Deg. Max  
**Rejection:** >50 dB @ 35 MHz  
                   >50 dB @ 85 MHz  
**Impedance:** 50 Ω

## Mechanical

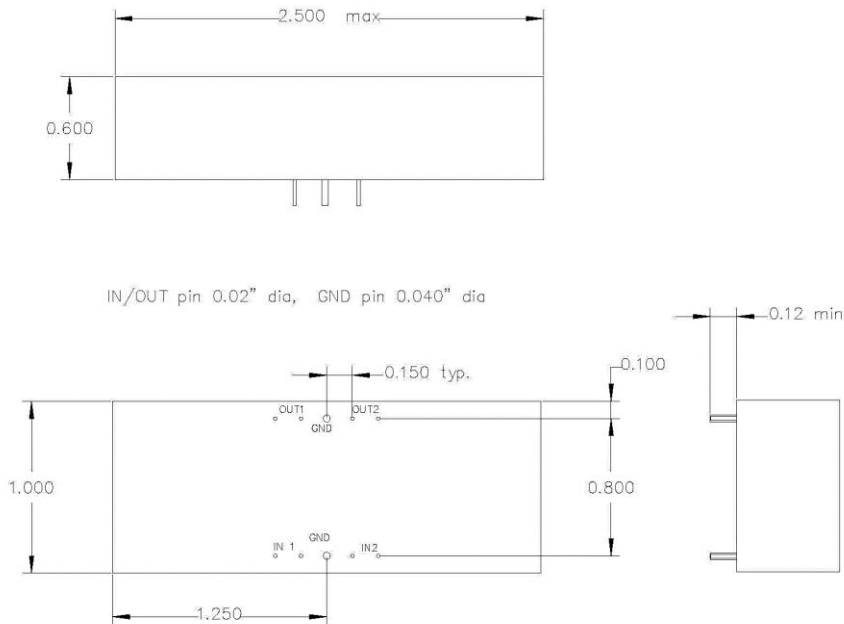
**Dimensions:** 2.5 x 1.0 x 0.6 inches

## Environmental

**Operating Temperature:** -40 to +70° C  
**Storage Temperature:** -50 to +85° C

Note: The package outlined below includes 4 identical filters part number AE60B11156 matched within 10 degrees.

## Outline Drawing:

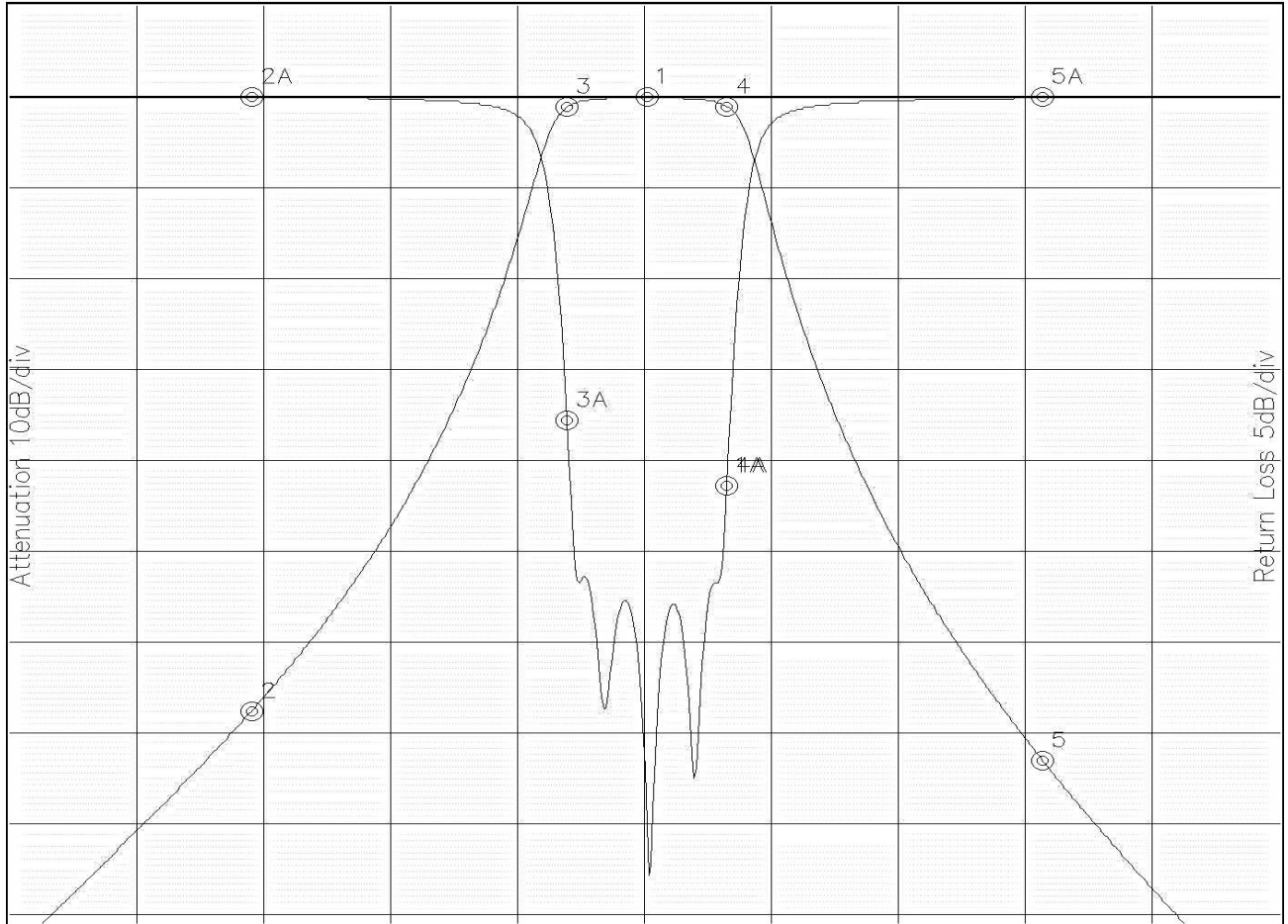


Rev. Date	Anatech Electronics Inc		
	Outline Drawing		
DATE	SCALE CODE	ISSUED BY	REV
6/25/03	OKOR2	987124	
	SCALE		SHEET



### Response Plot:

A422.lad      AUG 22, 2014      Attenuation/Return Loss



Attenuation Start: 20.0MHz    Stop: 100.0MHz    Return Loss Start: 20.0MHz    Stop: 100.0MHz

Offset -1.7391dB

Marker 1 Freq 60.065MHz Atten 0.014dB	Marker 1A Freq 65.105MHz Ret Loss -21.264dB
Marker 2 Freq 35.121MHz Atten -67.359dB	Marker 2A Freq 35.121MHz Ret Loss 0.000dB
Marker 3 Freq 55.024MHz Atten -1.057dB	Marker 3A Freq 55.024MHz Ret Loss -17.748dB
Marker 4 Freq 65.105MHz Atten -0.982dB	Marker 4A Freq 65.105MHz Ret Loss -21.264dB
Marker 5 Freq 85.008MHz Atten -72.737dB	Marker 5A Freq 85.008MHz Ret Loss 0.000dB