



# 337.5 MHz LC Band Pass Filter

Part Number: AE337B11178



## Electrical Specifications

**Center Frequency:** 337.5 MHz  
**Bandwidth:** 225 MHz  
**Passband:** 225-450 MHz  
**Insertion Loss:** 1.0 dB Max  
**Return Loss:** 13.0 dB Min  
**Rejection:** >60 dB @ DC-180 MHz  
>60 dB @ 540-2000 MHz  
**Power Handling:** 50 Watts CW

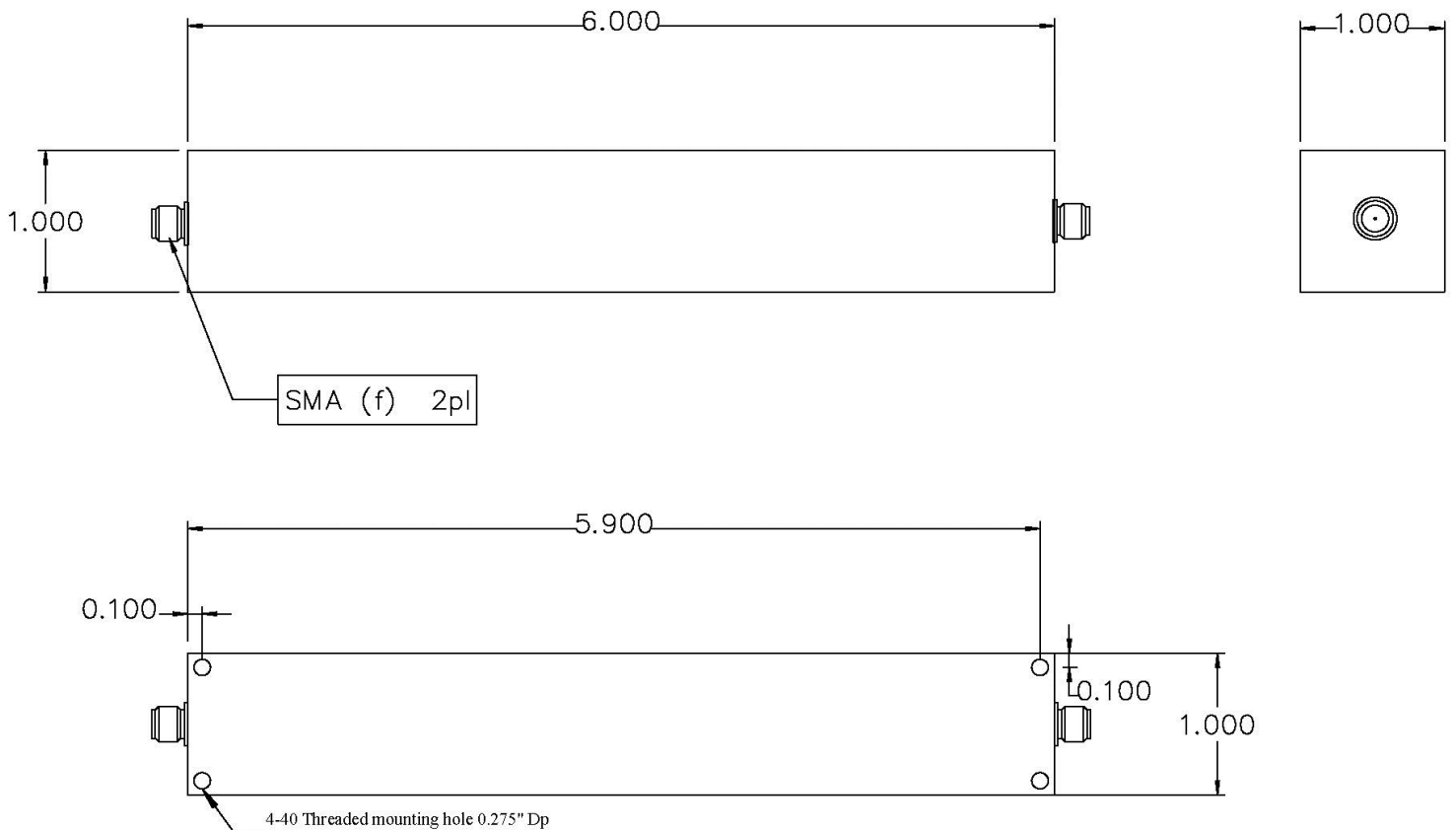
## Mechanical

**Connector Type:** N-Type (F)  
**Dimensions:** 6.0 x 1.0 x 1.0 Inches

## Environmental

**Operating Temperature:** -35 to +80° C  
**Storage Temperature:** -45 to +85° C

## Outline Drawing:



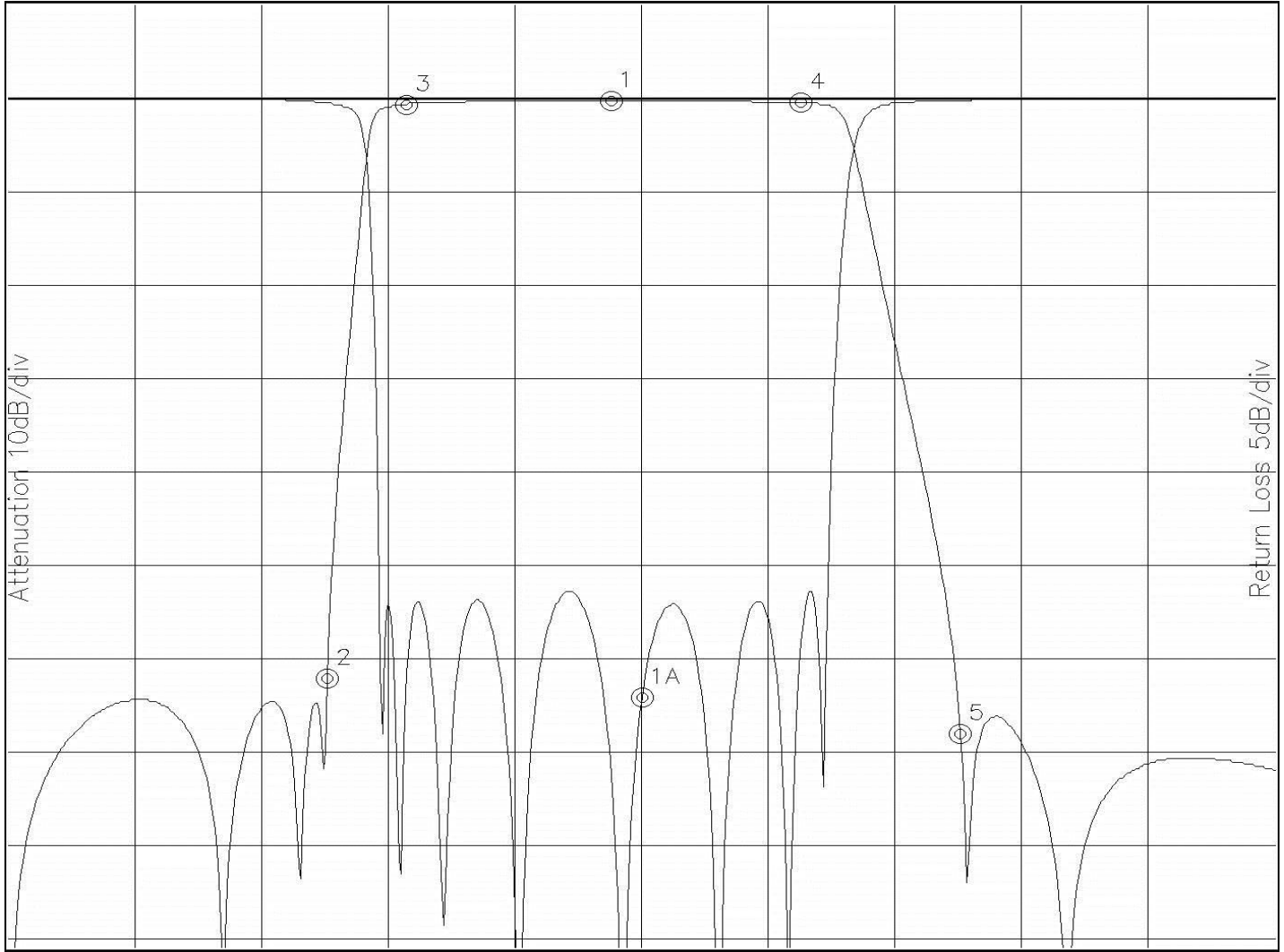


### Response Plot:

A4/1.lad

JAN 21, 2015

Attenuation/Return Loss



Attenuation Start: 0.072Hz Stop: 720.0MHz

Return Loss Start: 0.072Hz Stop: 720.0MHz

Marker 1 Freq 341.97MHz Atten -0.236dB  
 Marker 2 Freq 180.29MHz Atten -61.873dB  
 Marker 3 Freq 225.65MHz Atten -0.556dB  
 Marker 4 Freq 450.14MHz Atten -0.445dB  
 Marker 5 Freq 540.87MHz Atten -67.903dB

Marker 1A Freq 359.41MHz Ret Loss -31.952dB

**Note:** This is a simulation plot. Actual results may differ once the product is implemented.