



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

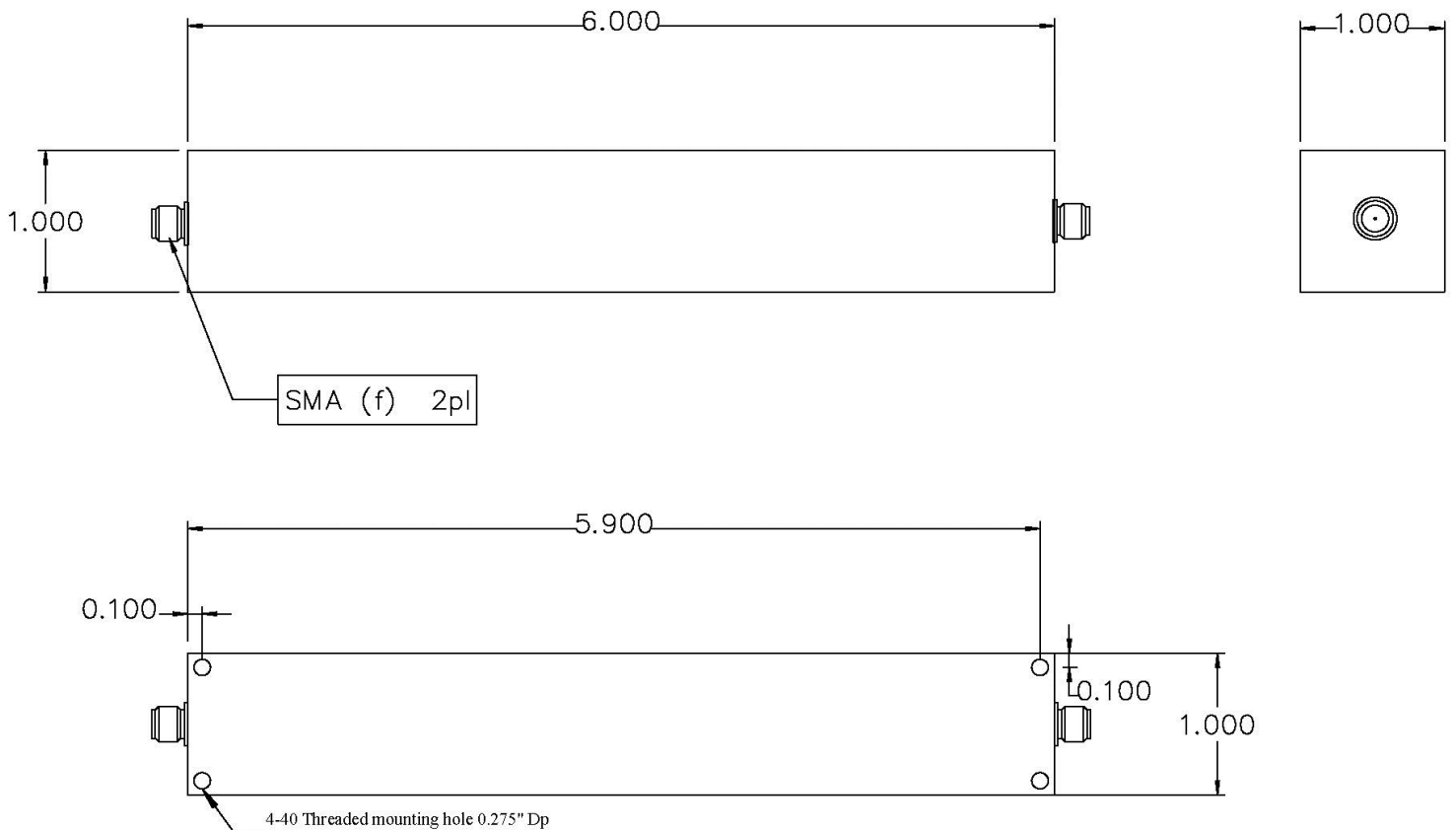
Mechanical

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:



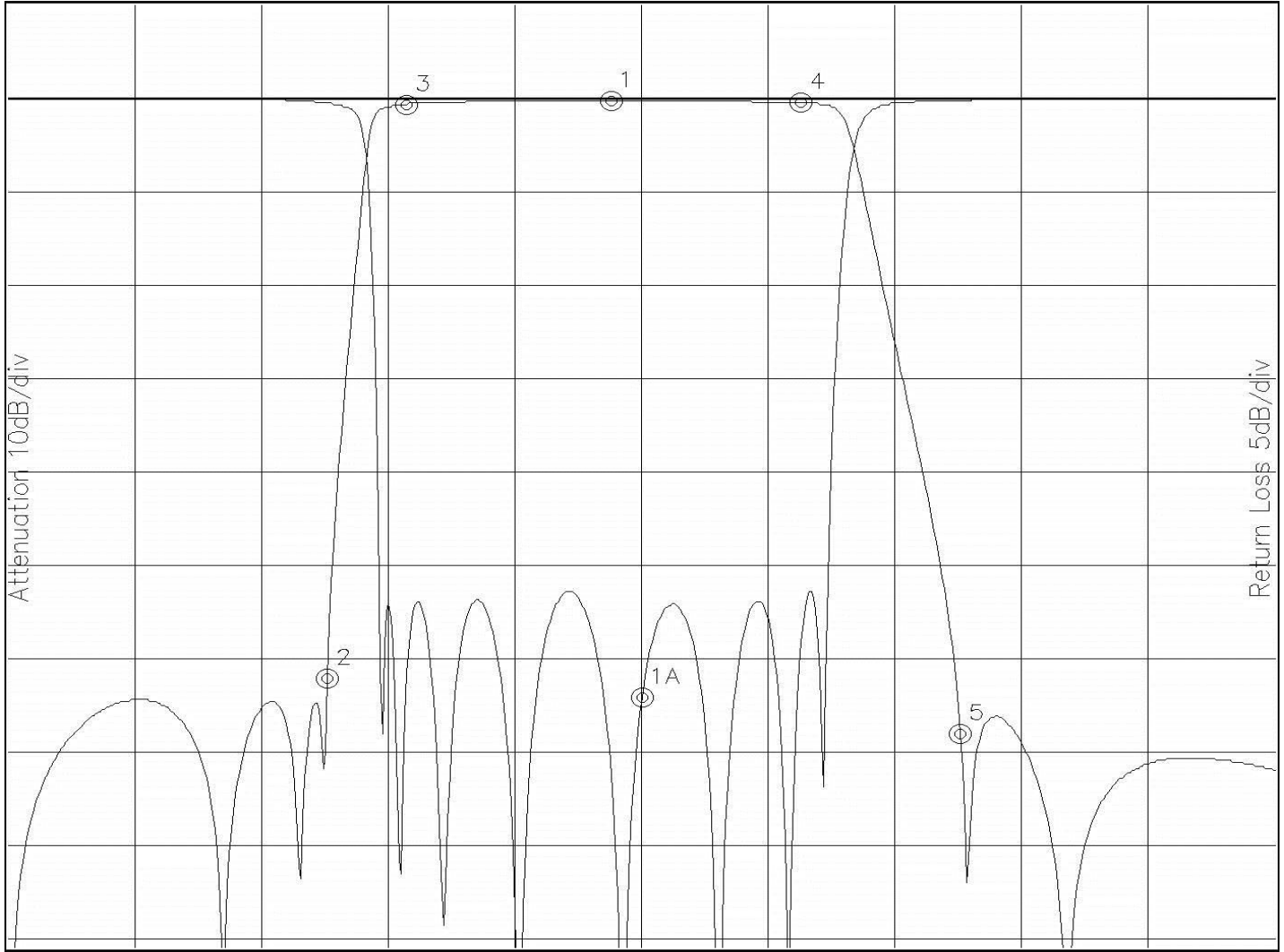


Response Plot:

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.