



10 MHz LC Band Pass Filter

Part Number: AE10B11169



Electrical Specifications

Center Frequency: 10 MHz

3 dB Bandwidth: 10 MHz

Passband: 5-15 MHz

Insertion Loss @ 10 MHz: 2.0 dB Max

VSWR: 1.7:1 Max

Stopbands: >40 dB @ DC-3 MHz
>40 dB @ 17 MHz

Power Handling: 15 W Avg.

Mechanical

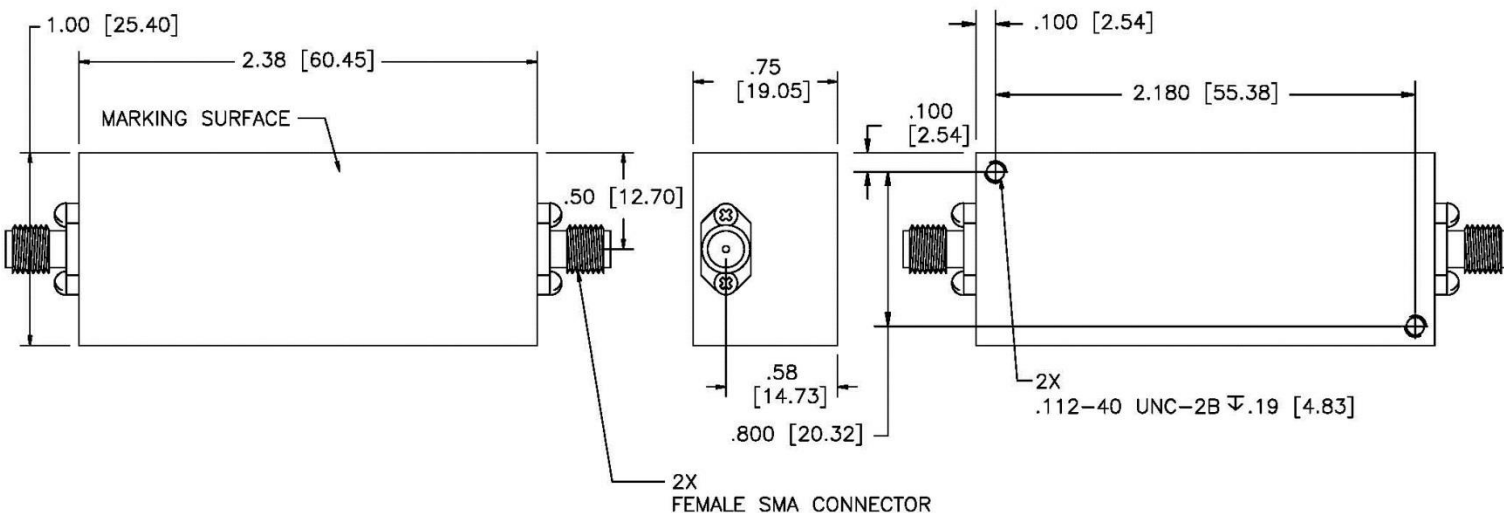
Connector Type: SMA (F)

Dimensions: 2.38 x 1.00 x 0.75 Inches

Environmental

Operating Temperature: -55 to +85° C

Outline Drawing:



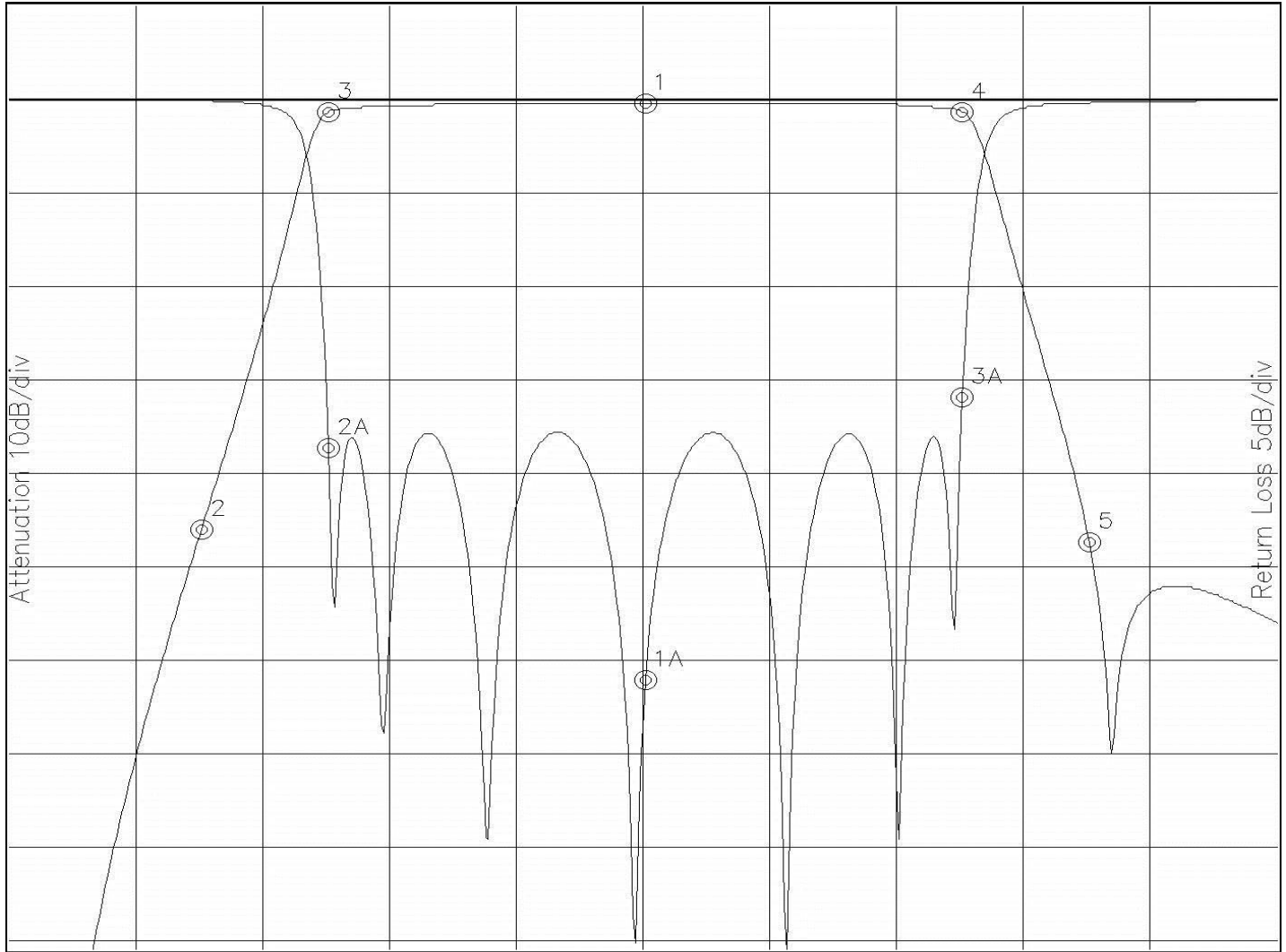


Response Plot:

A457.lad

DEC 10, 2014

Attenuation/Return Loss



Attenuation Start: 0.002Hz Stop: 20.0MHz

Return Loss Start: 0.002Hz Stop: 20.0MHz

Marker 1 Freq 10.016MHz Atten -0.351dB
 Marker 2 Freq 3.005MHz Atten -45.783dB
 Marker 3 Freq 5.008MHz Atten -1.295dB
 Marker 4 Freq 15.024MHz Atten -1.258dB
 Marker 5 Freq 17.027MHz Atten -47.243dB

Marker 1A Freq 10.016MHz Ret Loss -30.971dB
 Marker 2A Freq 5.008MHz Ret Loss -18.605dB
 Marker 3A Freq 15.024MHz Ret Loss -15.831dB