



140 MHz LC Band Pass Filter

Part Number: AE140B11171



Electrical Specifications

Center Frequency: 140 MHz

1 dB Bandwidth: 40 MHz

Passband: 120-160 MHz

Insertion Loss: 2.5 dB Max

Rejection: >60 dBc @ 60-80 MHz

>40 dBc @ 180-240 MHz

>70 dBc @ 240-320 MHz

Mechanical

Connector Type: SMA (F)

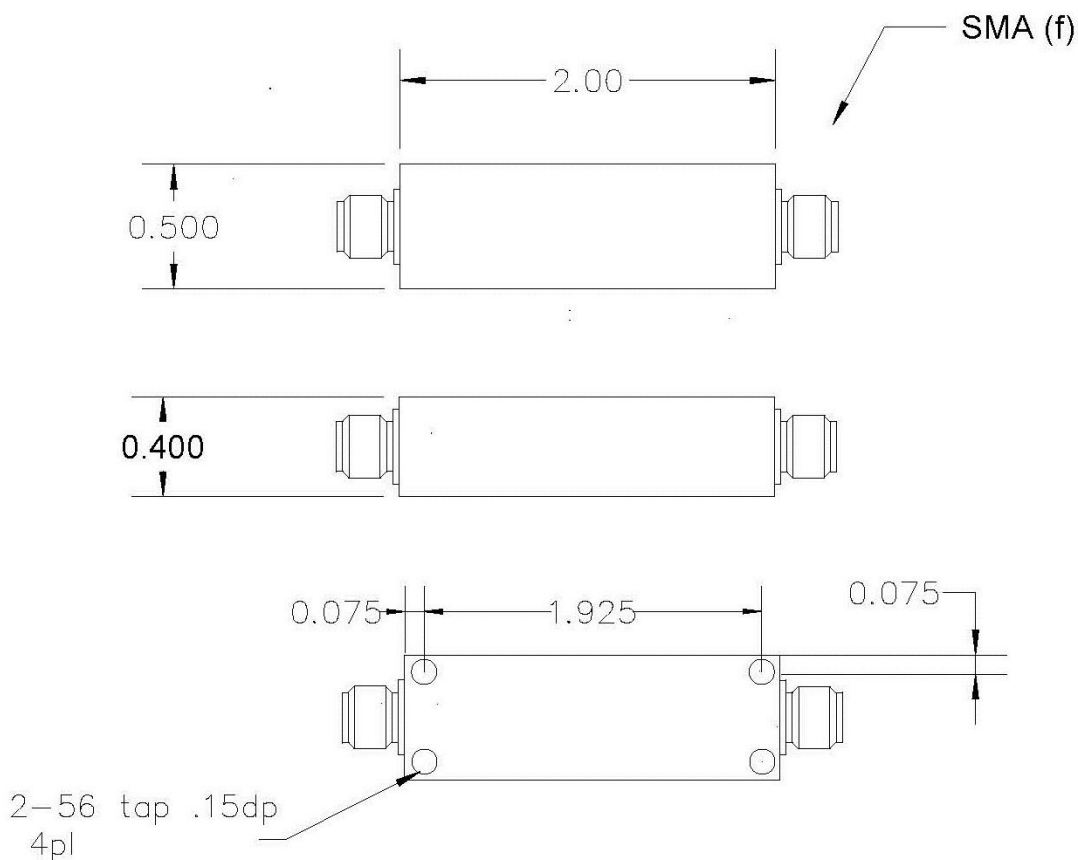
Dimensions: 2.0 x 0.5 x 0.4 Inches

Environmental

Operating Temperature: -20 to +75° C

Storage Temperature: -45 to +85° C

Outline Drawing:





140 MHz LC Band Pass Filter

Part Number: AE140B11171

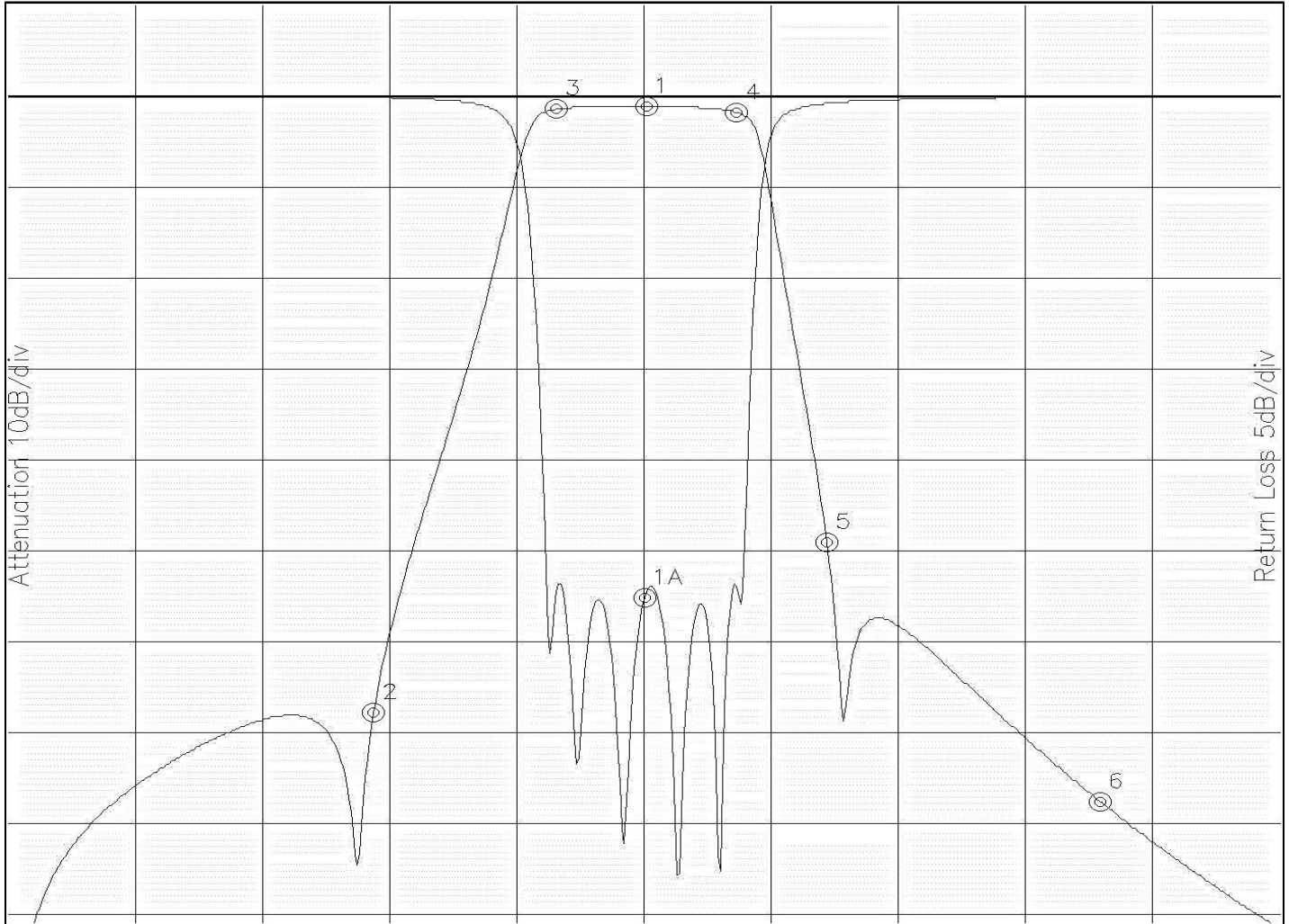


Response Plot:

A463.lad

DEC 30, 2014

Attenuation/Return Loss



Attenuation Start: 0.028Hz Stop: 280.0MHz

Return Loss Start: 0.028Hz Stop: 280.0MHz

Marker 1 Freq 140.22MHz Atten -1.021dB
 Marker 2 Freq 80.065MHz Atten -67.623dB
 Marker 3 Freq 120.32MHz Atten -1.384dB
 Marker 4 Freq 160.12MHz Atten -1.721dB
 Marker 5 Freq 180.03MHz Atten -48.971dB
 Marker 6 Freq 240.19MHz Atten -77.290dB

Marker 1A Freq 139.77MHz Ret Loss -27.486dB