



190 MHz LC Band Pass Filter

Part Number: AE190B11172



Electrical Specifications

Center Frequency: 190 MHz

Passband: 160 – 220 MHz

Passband Insertion Loss: 3.0 dB Max

Rejection: >60 dBc @ 80-100 MHz

>40 dBc @ 240-320 MHz

>70 dBc @ 320-440 MHz

Impedance: 50 Ohms In/Out

Mechanical

Connector Type: SMA (F)

Dimensions: 2.0 x 0.5 x 0.4 Inches

Environmental

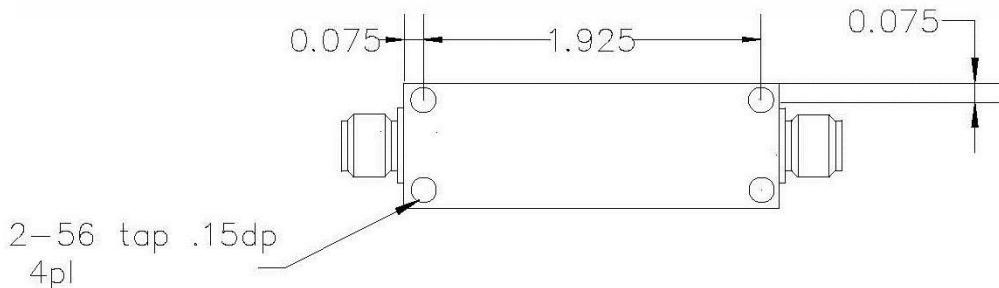
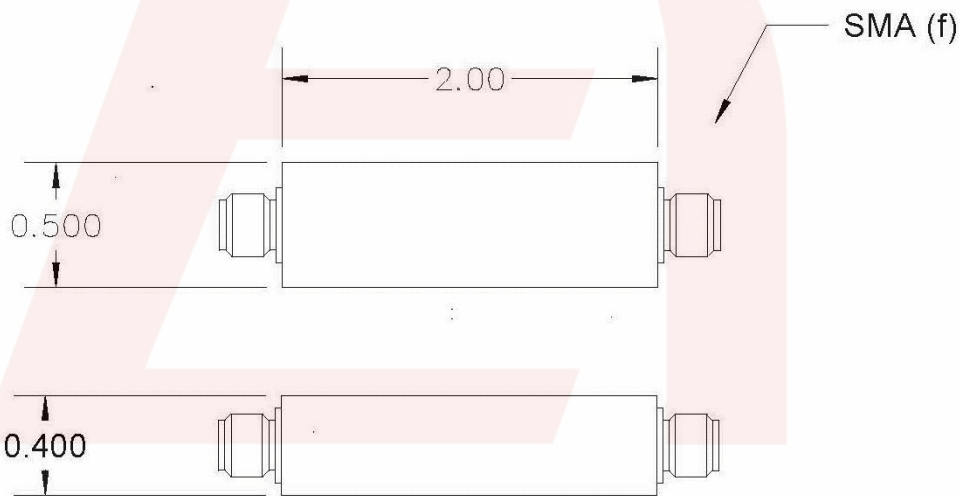
Operating Temperature: -20 to +75° C

Storage Temperature: -45 to +85° C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 200 Hz

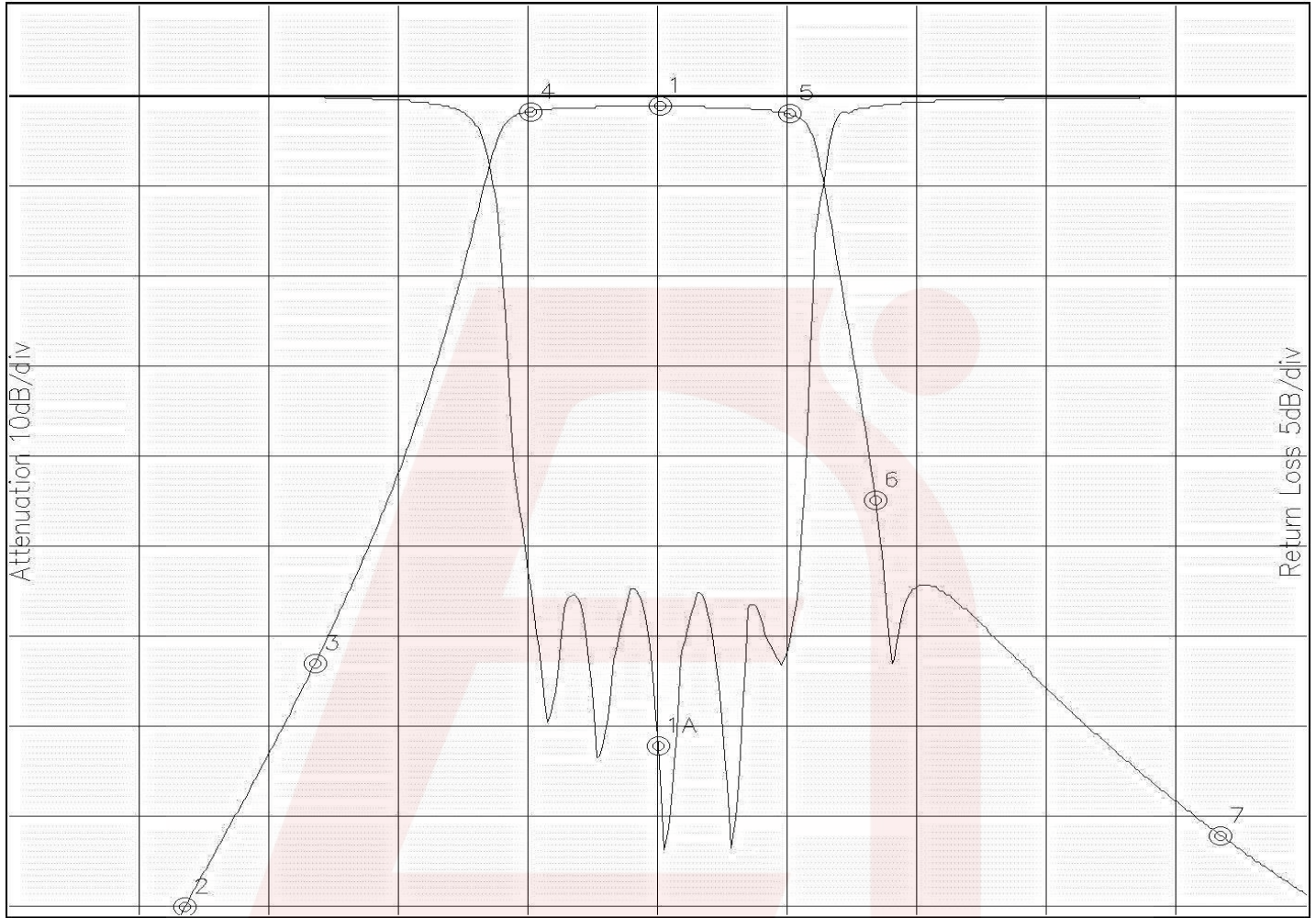
Outline Drawing:





Response Plot:

A464.lad DEC 30, 2014 Attenuation/Return Loss



Attenuation Start: 40.0MHz Stop: 340.0MHz Return Loss Start: 40.0MHz Stop: 340.0MHz

- Marker 1 Freq 190.24MHz Atten -1.125dB
- Marker 2 Freq 80.226MHz Atten -89.721dB
- Marker 3 Freq 110.27MHz Atten -62.856dB
- Marker 4 Freq 160.19MHz Atten -1.674dB
- Marker 5 Freq 220.29MHz Atten -2.005dB
- Marker 6 Freq 240.16MHz Atten -44.722dB
- Marker 7 Freq 320.12MHz Atten -81.851dB

Marker 1A Freq 189.75MHz Ret Loss -35.940dB