



85 MHz LC Band Pass Filter

Part Number: AE85B11175



Electrical Specifications

Center Frequency: 85 MHz
1 dB Bandwidth: 50 MHz
Passband: 60-110 MHz
Insertion Loss: 3.0 dB Max
Rejection: >40 dBc @ 30 MHz
>40 dBc @ 120 MHz

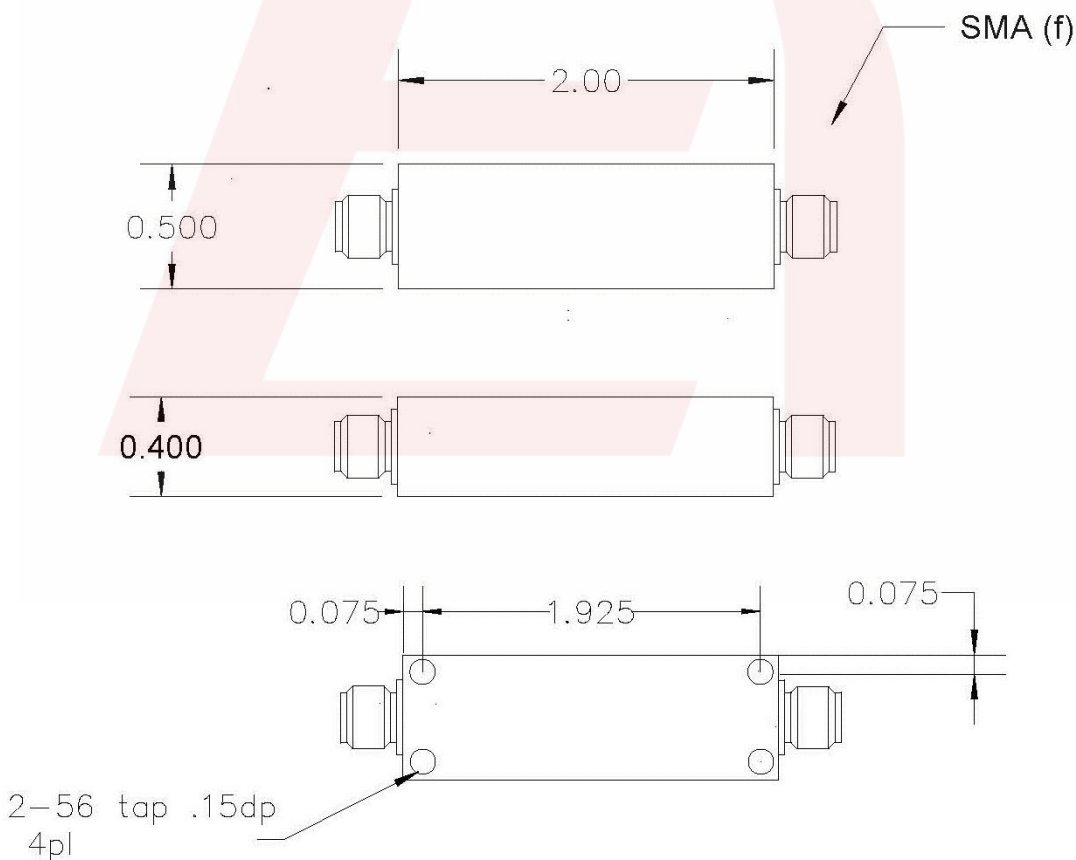
Mechanical

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
Vibration: 10 G. 11ms
Shock: 10 G. 5 to 200 Hz

Outline Drawing:





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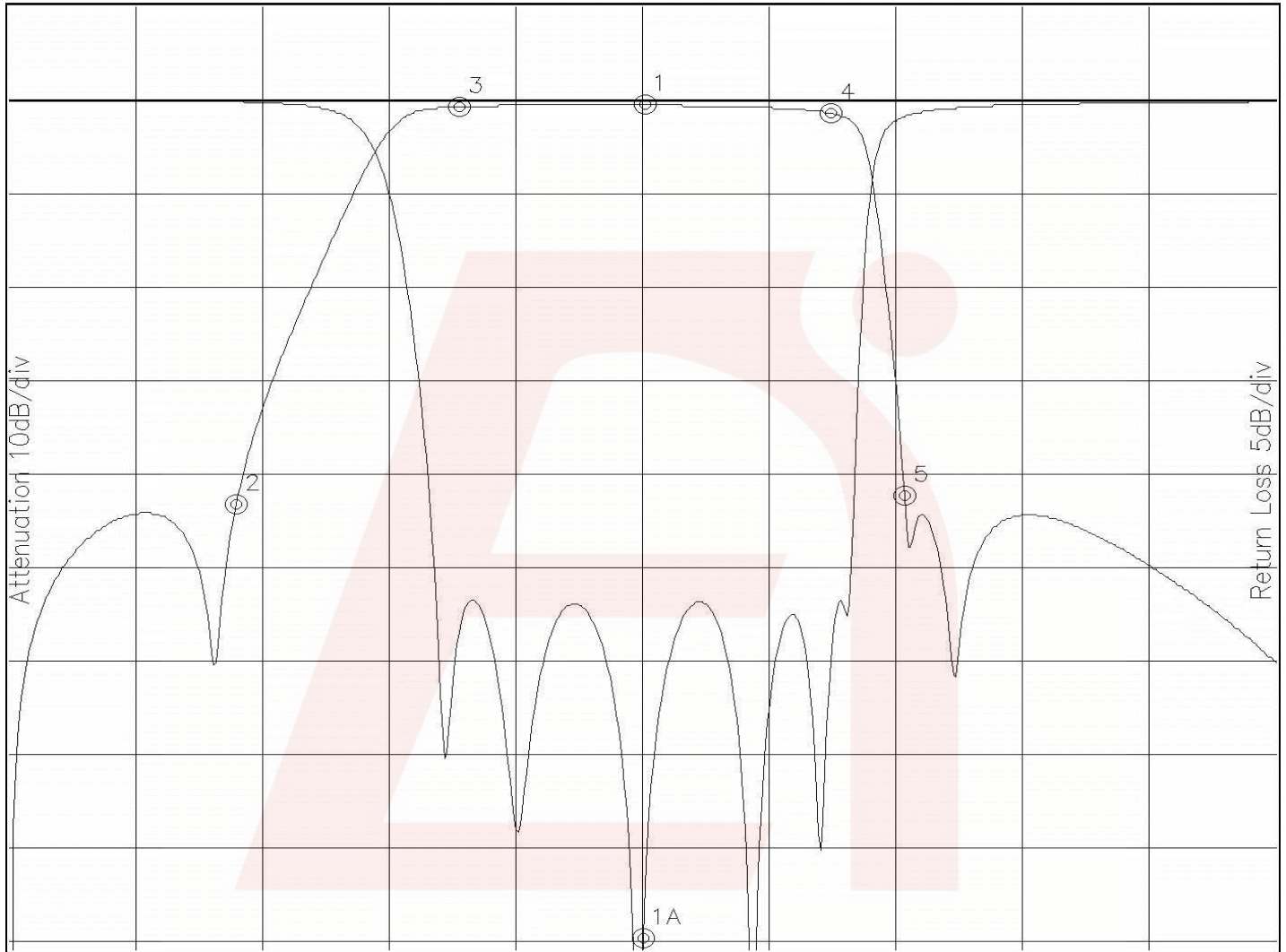


Response Plot:

A467.lad

DEC 30, 2014

Attenuation/Return Loss



Attenuation Start: 0.017Hz Stop: 170.0MHz

Return Loss Start: 0.017Hz Stop: 170.0MHz

Marker 1 Freq 85.137MHz Atten -0.503dB
 Marker 2 Freq 30.210MHz Atten -43.042dB
 Marker 3 Freq 60.145MHz Atten -0.639dB
 Marker 4 Freq 110.12MHz Atten -1.346dB
 Marker 5 Freq 120.01MHz Atten -42.260dB

Marker 1A Freq 84.863MHz Ret Loss -44.632dB