



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1750 MHz LC Band Pass Filter

Part Number: AE1750B9973



Electrical Specifications

Center Frequency: 1750 MHz
3dB Passband: 1700-1800 MHz
Insertion Loss: 2 dB Max.
Passband Return Loss : 15 dB Min.
Rejection: ≥ 50dB @ 0-1500 MHz
Rejection: ≥ 50dB @ 2000-4000 MHz

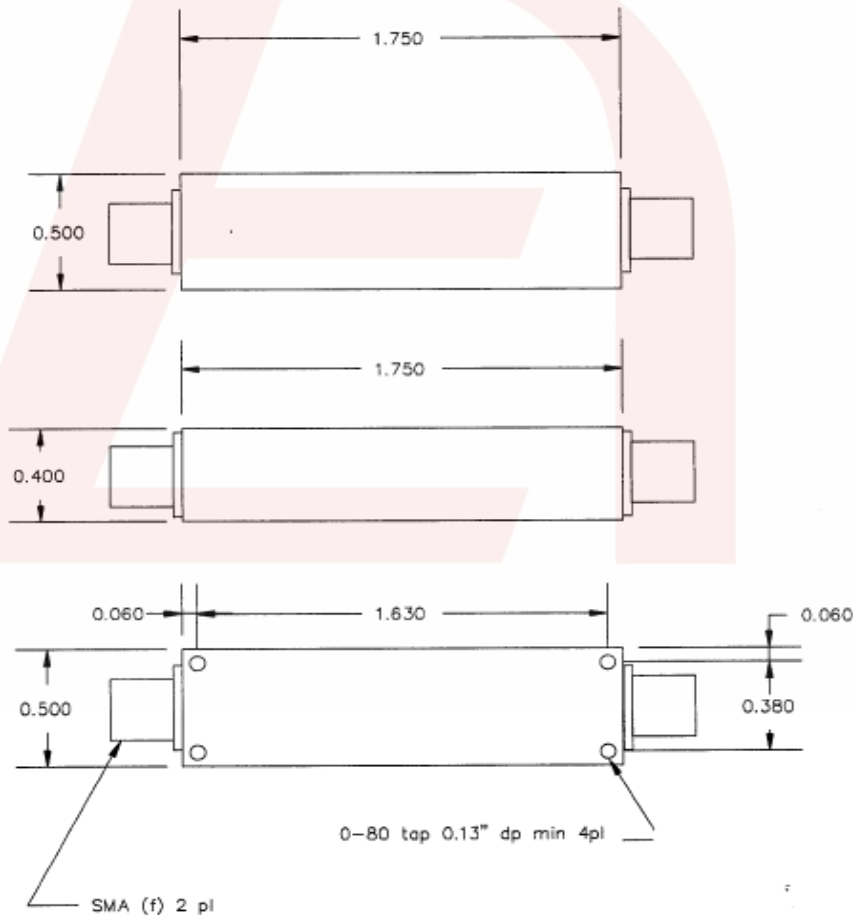
Mechanical

Mounting Method: 0-80 Threaded Holes
Connector Type: SMA(F)
Dimensions: 1.75 X 0.5 x 0.4 in

Environmental

Operating Temperature: -25°C to +70°C
Storage Temperature: -75°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 2000Hz

Outline Drawing:



DS-B9973-07012024-Rev0

Reference DCR: D052219-01A

2 decimal places: +/-0.01 inches [+/- 0.3mm]
 3 decimal places: +/- 0.005 inches [+/- 0.13mm]
 Angles: +/- 1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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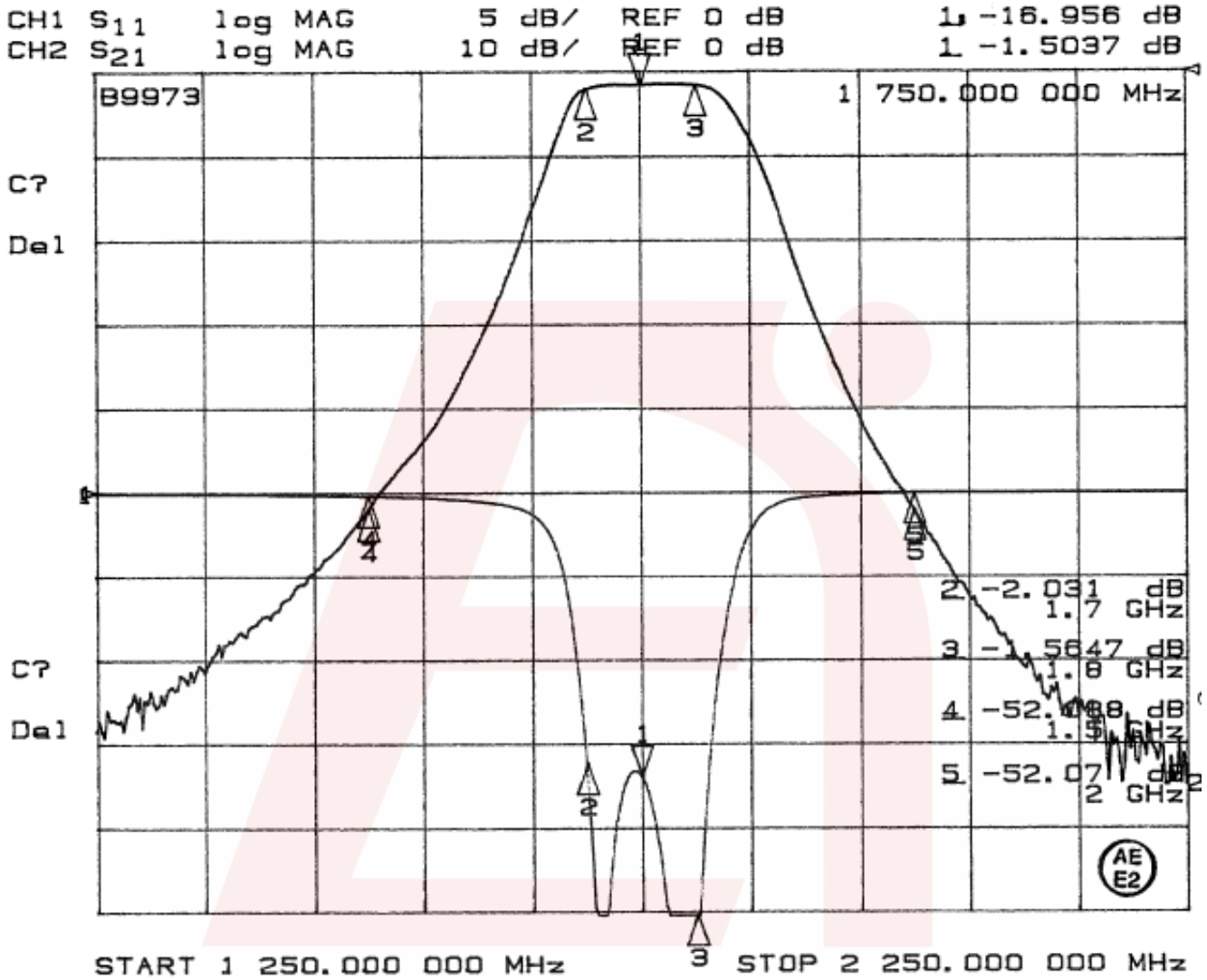
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Response Plot:



DS-B9973-07012024-Rev0