



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1725 MHz LC Band Pass Filter

Part Number: AE1725LB11928

Preliminary



Electrical Specifications

Center Frequency: 1725 MHz
Passband: 1225 - 2225 MHz
Insertion Loss in Passband: 2 dB Max.
Passband Return Loss : 15 dB Min.
Rejection1: $\geq 70\text{dB}$ @ 800 MHz
Rejection2: $\geq 50\text{dB}$ @ 2650 MHz
Power Handling: 10 W

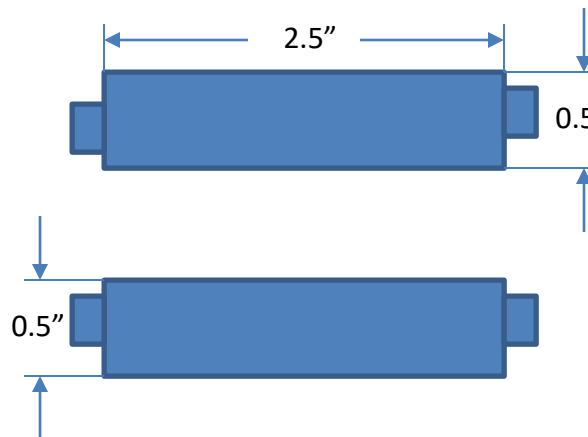
Mechanical

Mounting Method: 2-56 Threaded holes
Connector Type: SMA(F)
Dimensions: 2.5" X 0.5" x 0.5"

Environmental

Operating Temperature: -25°C to +70°C
Storage Temperature: -75°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

**Outline Drawing
(formal drawing
will be supplied)**



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

Reference DCR: D052219-01A

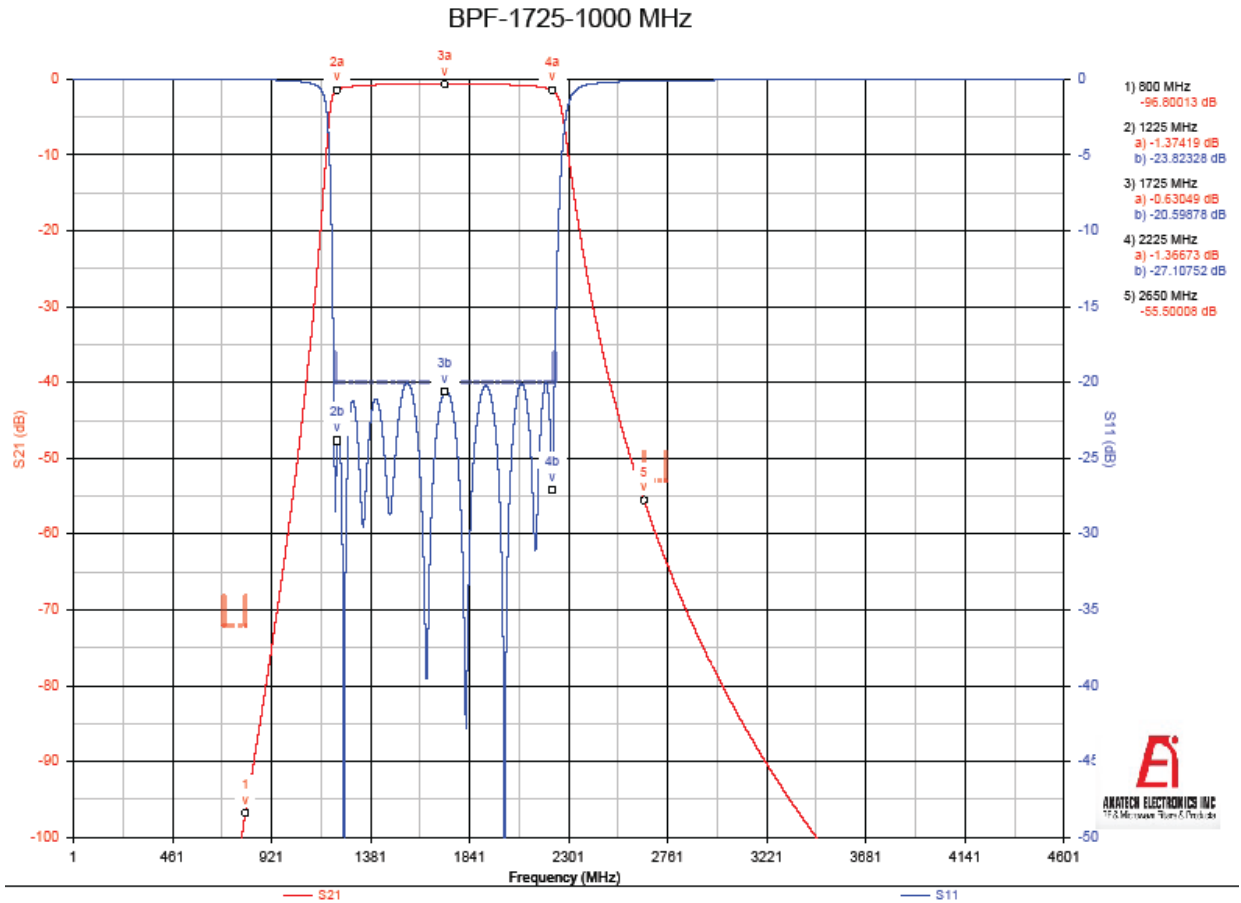
When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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Simulated response



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