



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1160-1615 MHz LC Band Pass Filter

Part Number: AE1387B11786



Electrical Specifications

Center Frequency: 1387.5 MHz

Passband: 1160-1615 MHz

1dB Bandwidth: 455 MHz

Insertion Loss in Passband: 3 dB Max.

Passband Return Loss : 15 dB Min.

Rejection1: $\geq 30\text{dB}$ @ 0-987.5 MHz

Rejection2: $\geq 30\text{dB}$ @ 1787.5-2700 MHz min.

Power Handling: 10 W CW

Mechanical

Mounting Method: 2-56 Threaded Holes

Connector Type: SMA(F)

Dimensions: 2.5 X 0.75 x 0.5 in

Environmental

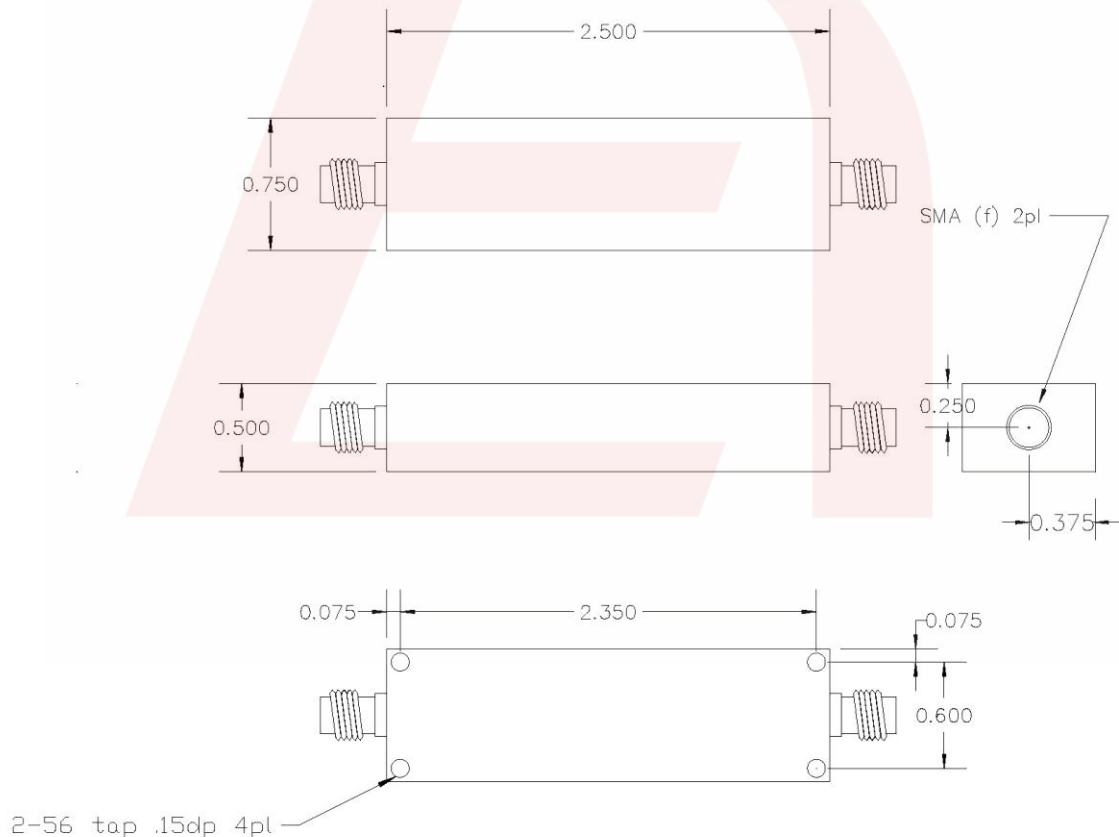
Operating Temperature: -25°C to +70°C

Storage Temperature: -75°C to +90°C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 2000Hz

Outline Drawing:



2-56 tap .15dp 4pl

2 decimal places: ± 0.01 inches [$\pm 0.3\text{mm}$]
3 decimal places: ± 0.005 inches [$\pm 0.13\text{mm}$]
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.

DS-B11786-07012024-Rev0

Reference DCR: D052219-01A

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Garfield, NJ 07026

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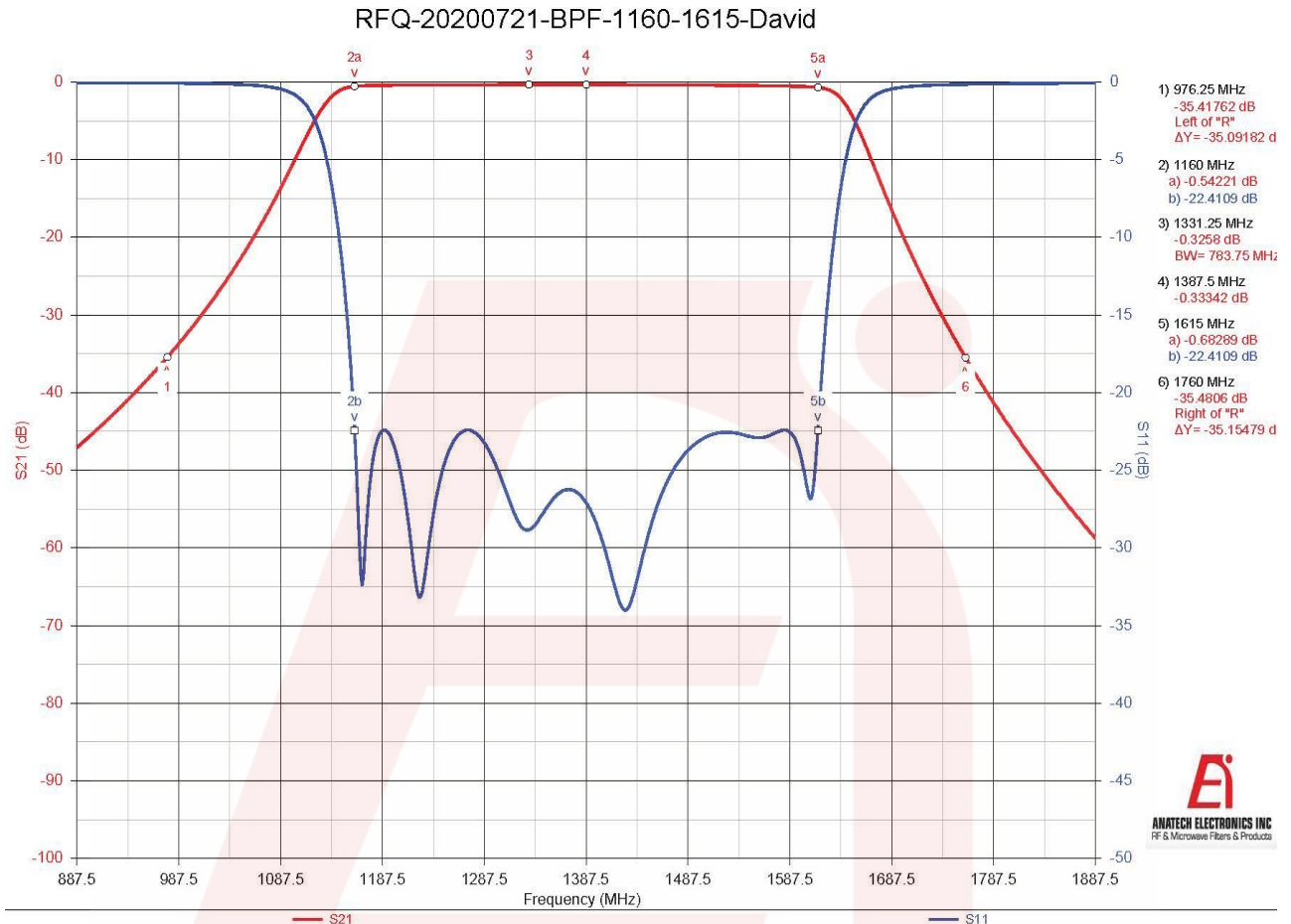
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Simulated Response



Note: This is a simulation plot. Actual results may differ once the product is implemented.



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