



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2349 MHz Cavity Band Pass Filter

Part Number: AE2349B11785



Electrical Specifications

Center Frequency: 2349 MHz
Passband: 2304-2394 MHz
Insertion Loss: 0.5 dB Max.@ passband
Return Loss: 15 dB min.@ passband
Rejection1: ≥ 40 dB @ 2099 MHz
Rejection2: ≥ 40 dB @ 2599 MHz
Rejection3: ≥ 70 dB @ 1949 & 2749 MHz
Rejection4: ≥ 72 dB @ 1576 MHz
Rejection5: ≥ 95 dB @ 400-500 MHz
Power Handling: 30 Watts Max
Impedance: 50 Ohms

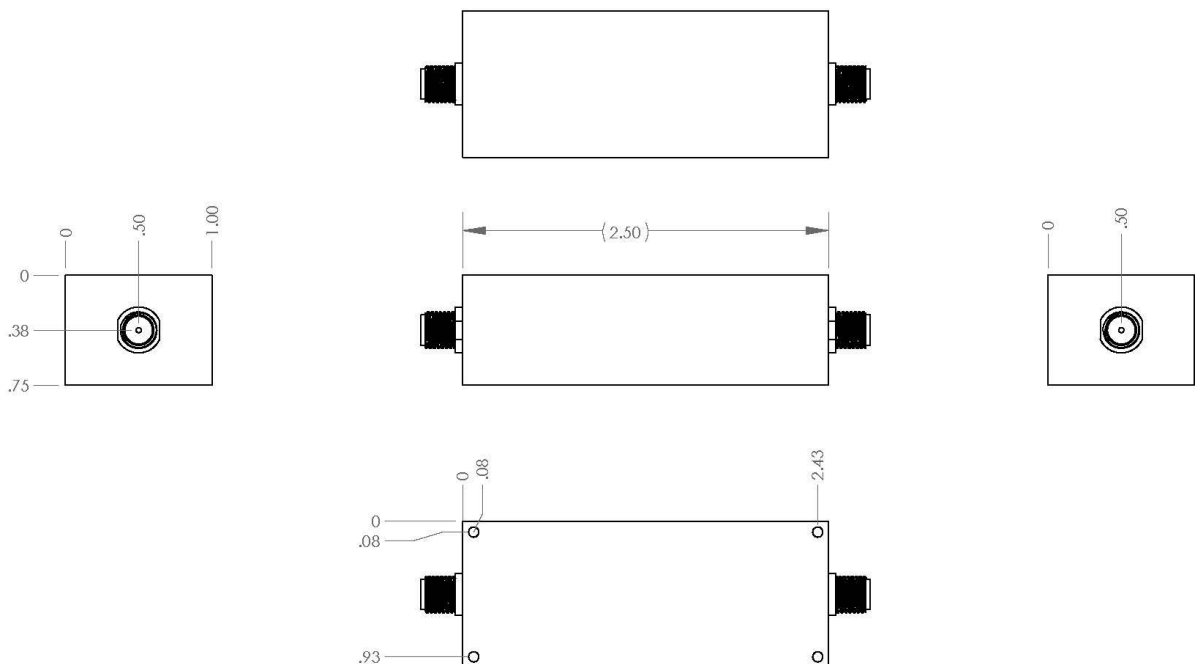
Mechanical

Mounting Method: 2-56 Threaded holes
Connector Type: SMA (F)
Dimensions: 2.50" x 1.00" x 0.75"

Environmental

Operating Temperature: -40°C to +70°C
Storage Temperature: -55°C to +95°C
Shock: 20 G. 11ms
Vibration: 20 G 0.5 to 200Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

**Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.*

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

70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com



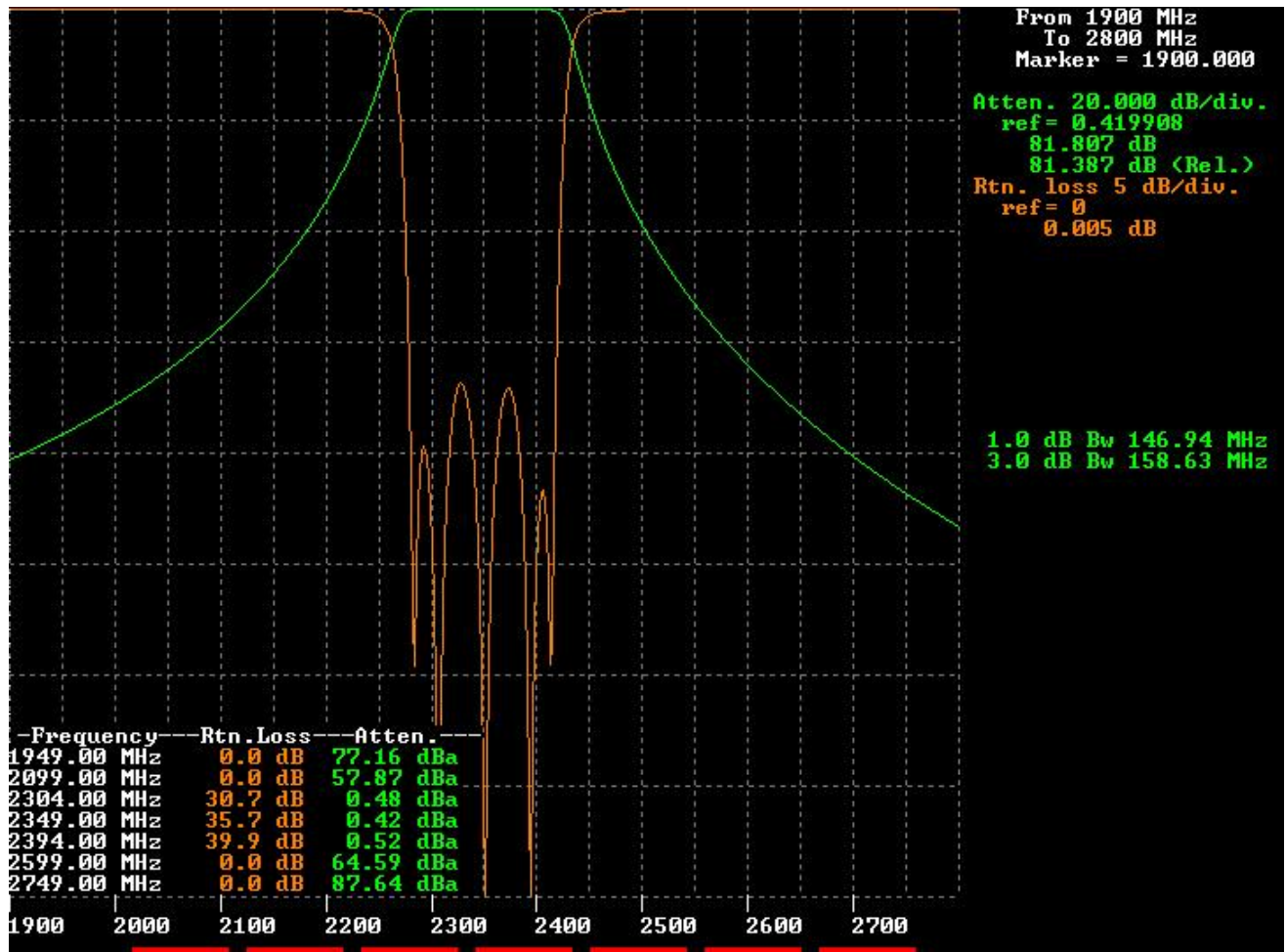
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Simulated response plot



Tolerance: +/-0.01 inches [+/- 0.3mm]

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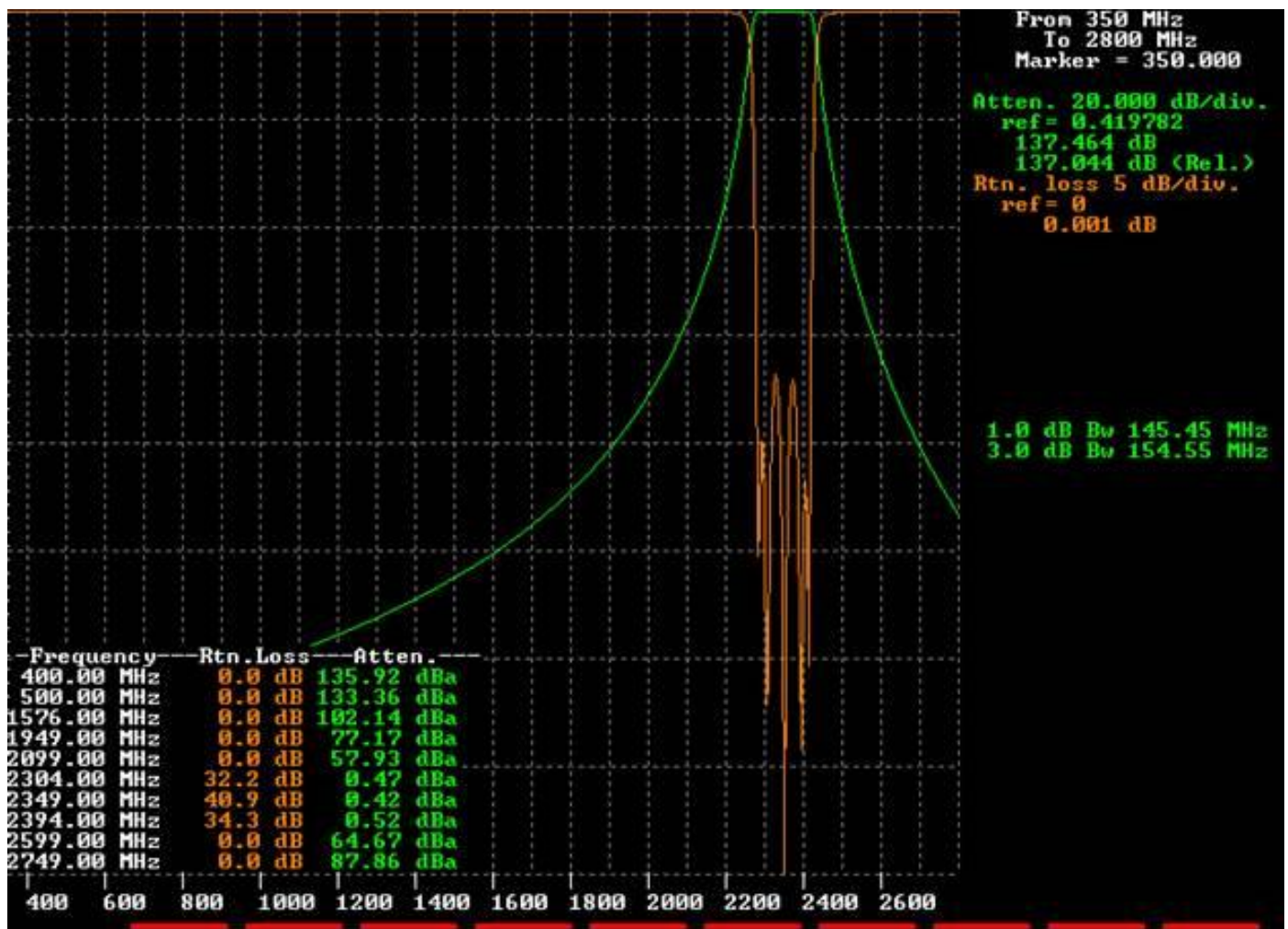
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