



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

250 MHz LC Bandpass Filter

Part Number: AE250B9668-S



Electrical Specifications

Center Frequency: 250 MHz
Bandwidth: 100 MHz
Passband : 200 MHz to 300 MHz
Insertion Loss: ≤ 2 dB
Rejection1: 60dB Min.@ 0-150 MHz
Rejection2: 40dB Min @ 170 MHz
Rejection3: 40dB Min @ 350 MHz
Rejection4: 60dB Min @ 200 MHz to 300 MHz
Impedance: 50 Ohms In/Out
Power Handling: 5 W CW

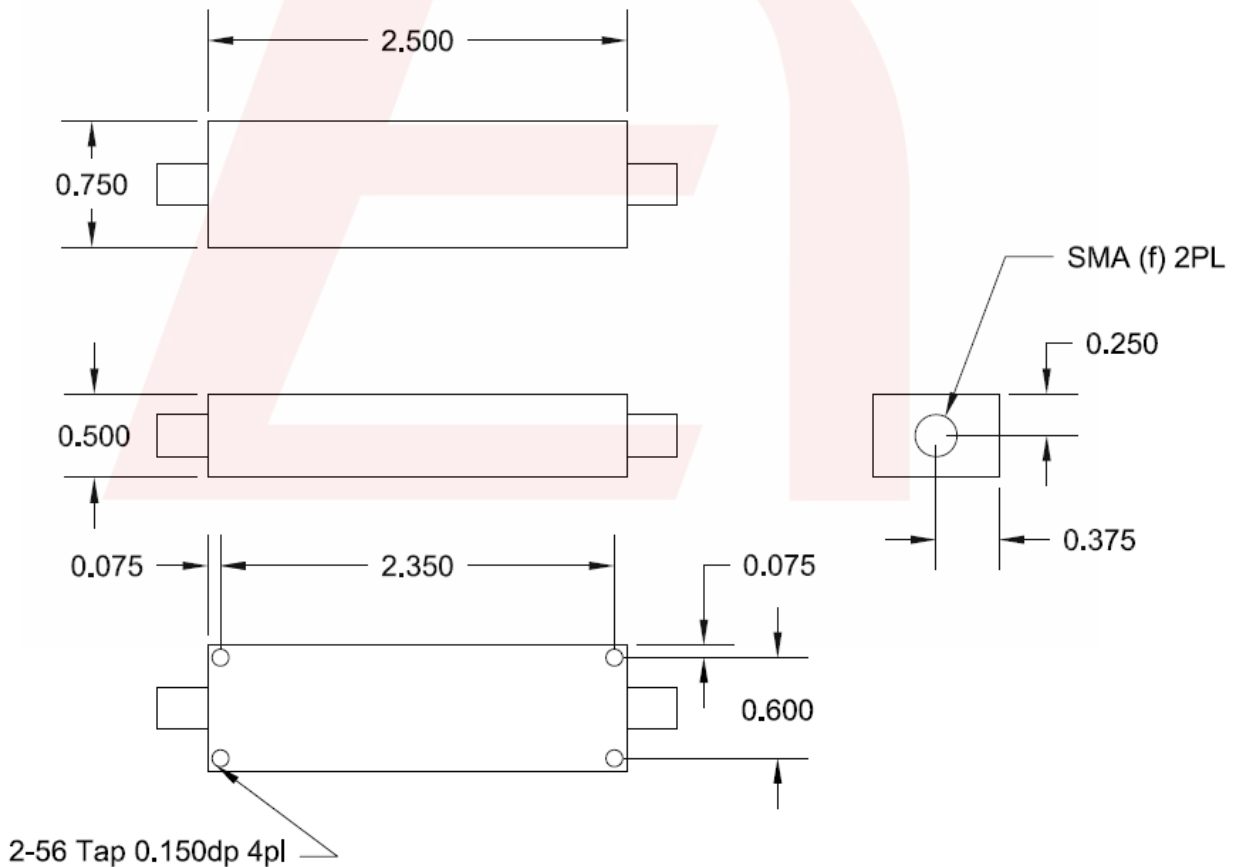
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA (F)
Dimensions: 2.5 x 0.75 x 0.5 in

Environmental

Operating Temperature: -40°C to +85°C
Storage Temperature: -50°C to +95°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 2000Hz

Outline Drawing:



Tolerance: ± 0.01 inches [± 0.3 mm]

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.

DS-B9668-S-07012024-Rev0



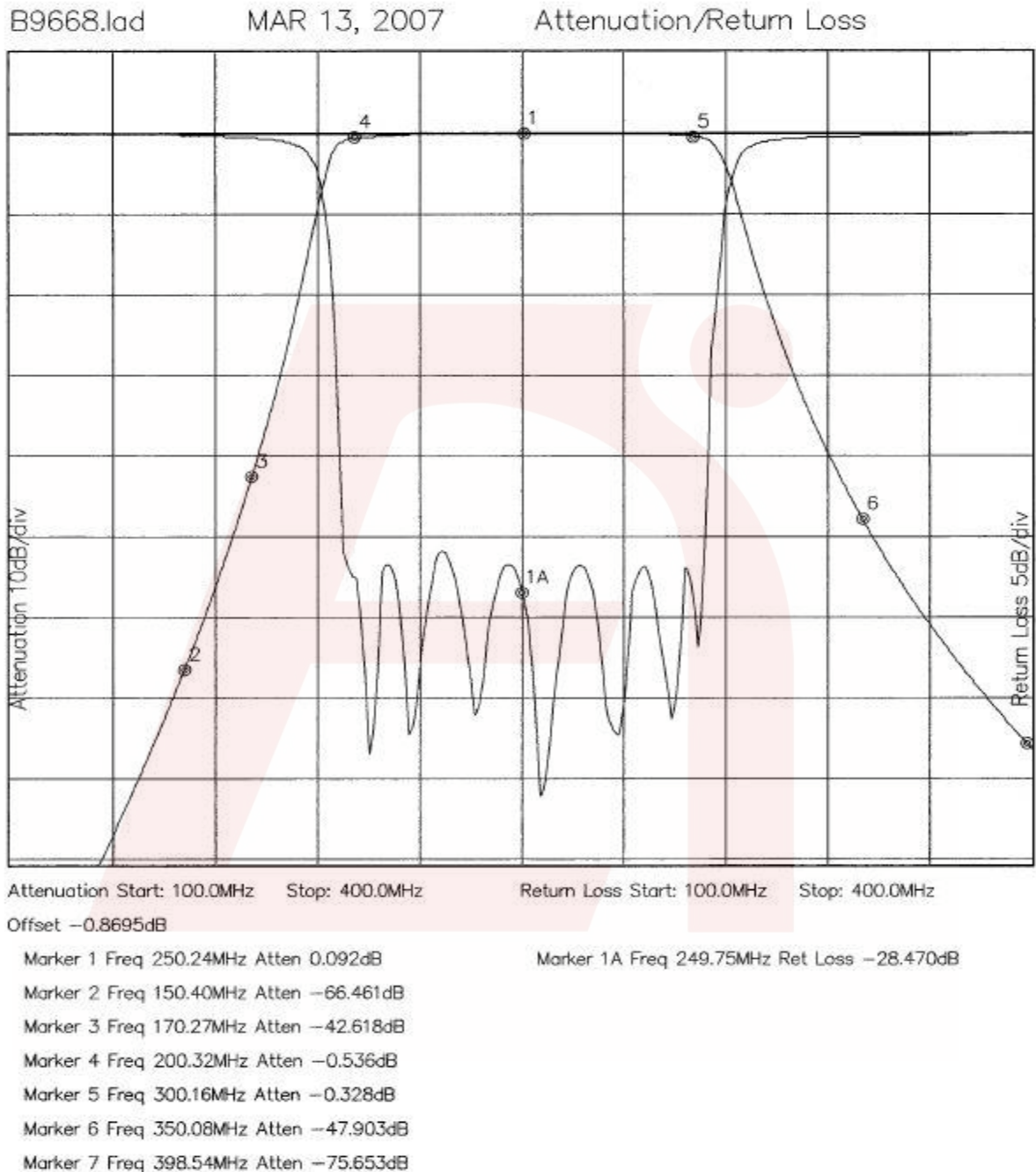
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Simulation Plot:



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

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