



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

700 MHz LC Bandpass Filter

Part Number: AE700B9509-NF



Electrical Specifications

Center Frequency: 700 MHz
1-dB Passband : 600 MHz to 800 MHz
Insertion Loss: 1dB Max. @ 700 MHz
Return Loss: 14 dB Min. @ 600 MHz to 800 MHz
Rejection1: 45 dB Min. @ 0-400 MHz
Rejection2: 45 dB Min. @ 1100-3000 MHz
Impedance: 50 Ohms In/Out
Power Handling: 20 W CW

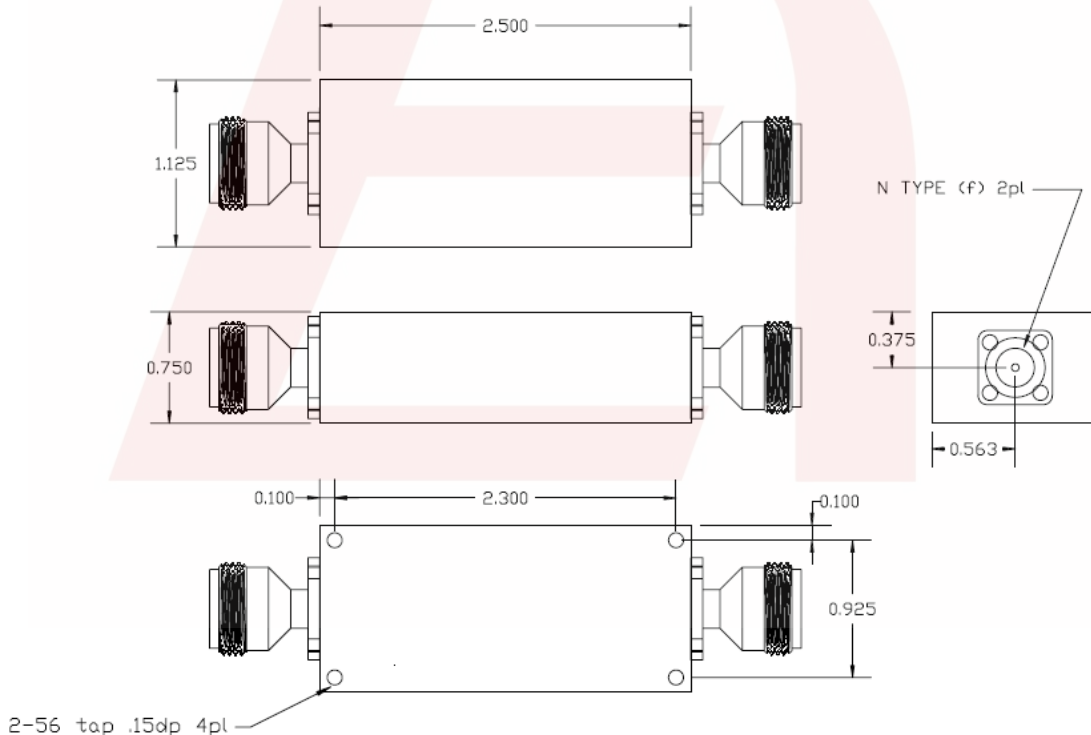
Mechanical

Mounting Method: Threaded Holes
Connector Type: N-Type (F)
Dimensions: 2.50 x 1.125 x 0.750 in

Environmental

Operating Temperature: -25°C to +70°C
Storage Temperature: -40°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 2000Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]
 Angles: +/- 1 Deg.

DS-B9509-NF-09032024-Rev2

*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.

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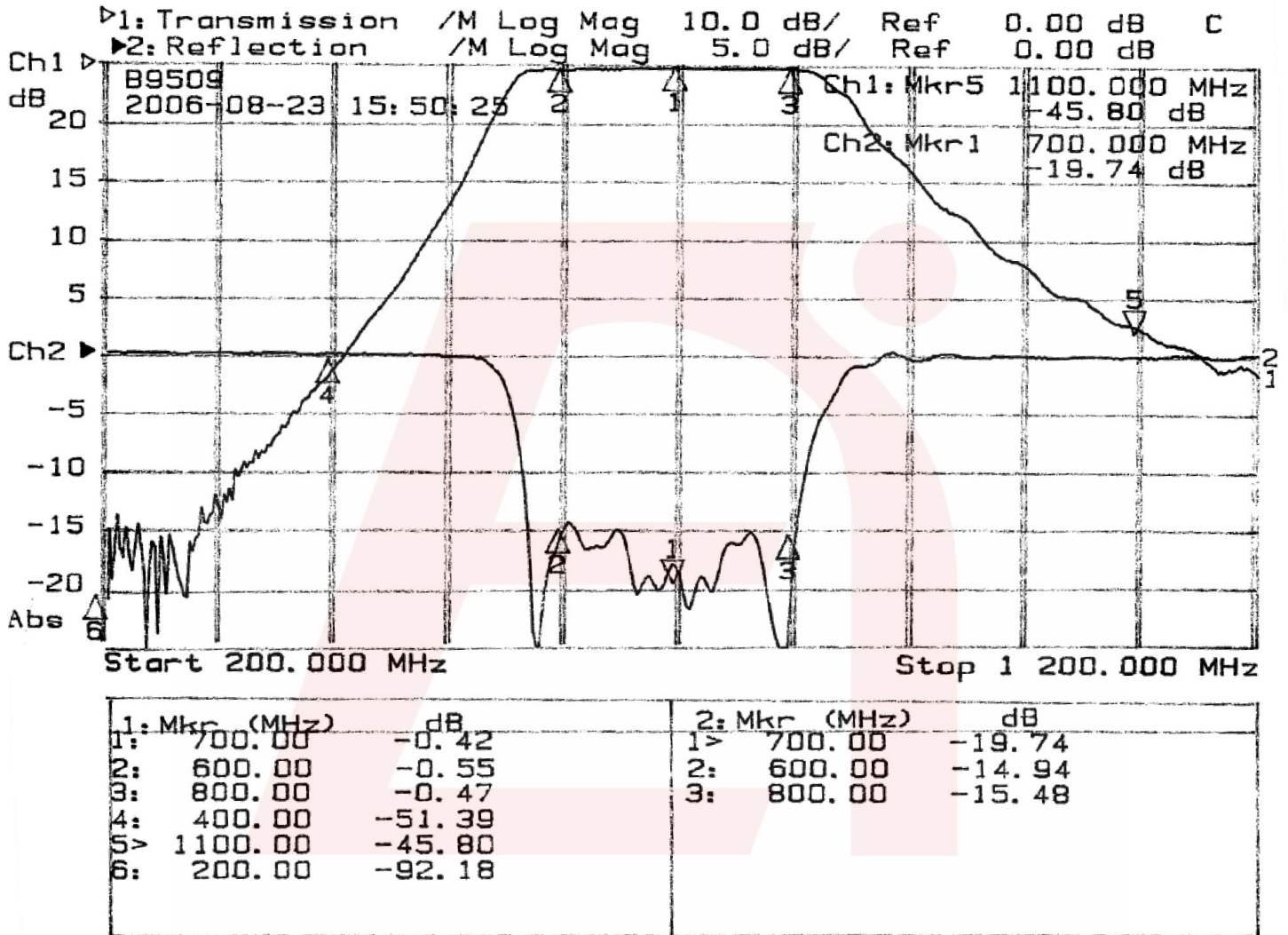
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Response Plot:



DS-B9509-NF-09032024-Rev2