ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

700 MHz LC Bandpass Filter

Part Number: AE700B9509

ISO 9001 REGISTERED FIRM

Electrical Specifications

Center Frequency: 700 MHz
1-dB Passband : 600 MHz to 800 MHz
Insertion Loss: 1dB Max. @ 700 MHz
Return Loss: 14dB Min. @ 600 MHz to 800 MHz
Rejection1: 50dB Min.@ 0-400 MHz
Rejection2: 50dB Min. @ 1100-3000 MHz
Impedance: 50 Ohms

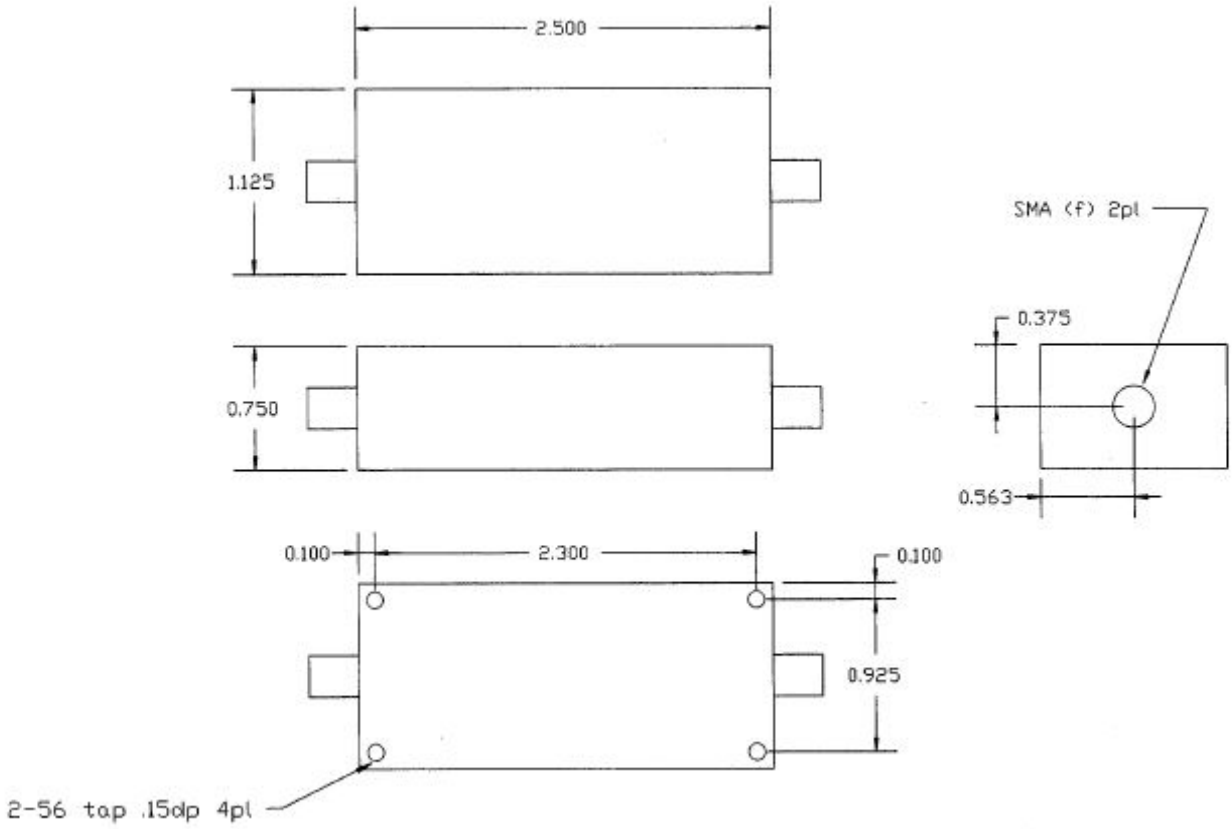
Mechanical

Connector Type: SMA(Female)
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 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** **Email: sales@anatechelectronics.com**
Garfield, NJ 07026 **Fax : (973) 321-3941** **Web: www.anatechelectronics.com**

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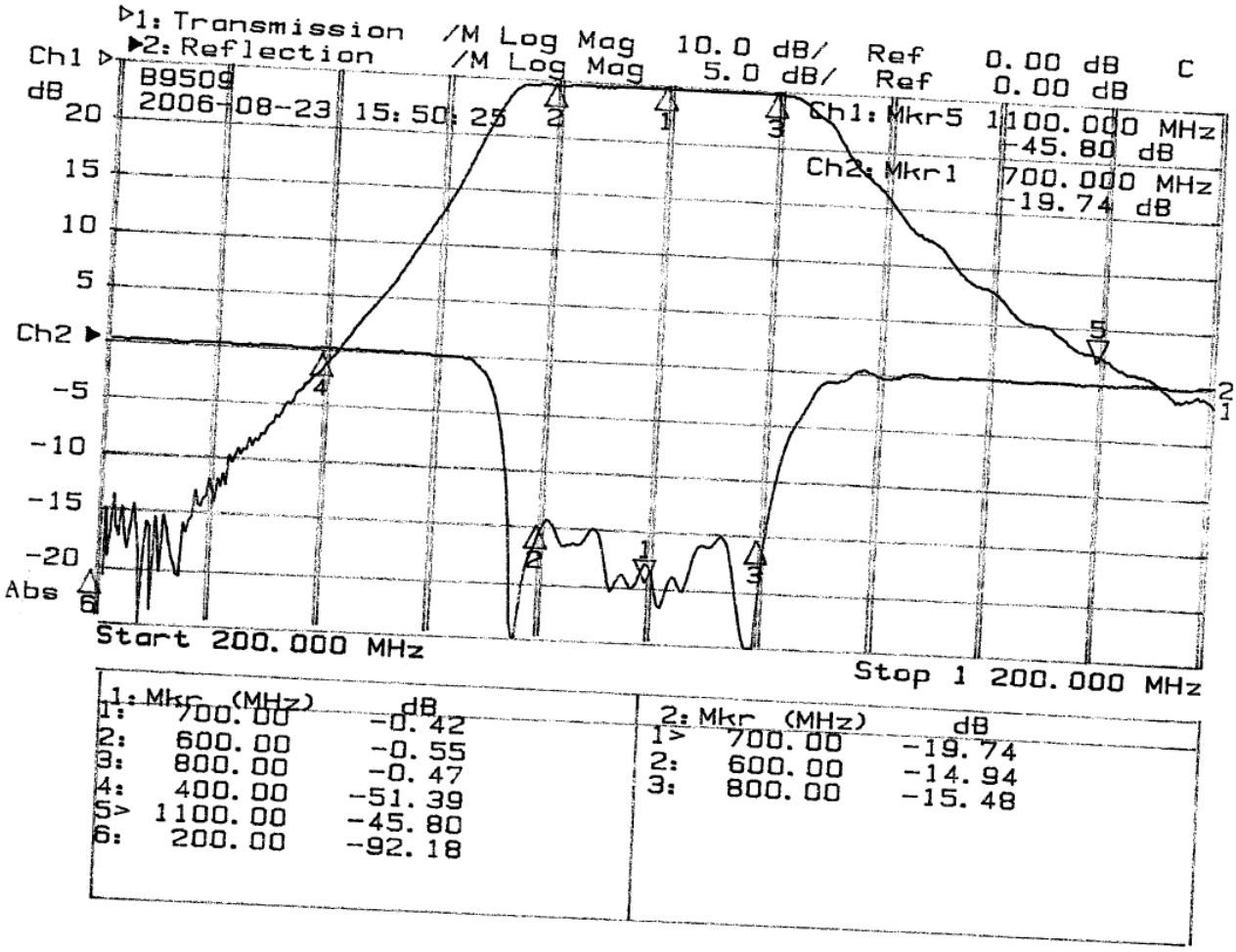
Response Plot:



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