ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

540 MHz LC Bandpass Filter

Part Number: AE540B10366

ISO 9001 CERTIFIED

Electrical specifications

Center frequency: 540 MHz
Insertion Loss @ CF: 2.5 dB Max
Relative BW (1 dBc): 45 MHz Min
Relative BW (3 dBc): 50 MHz Nominal MHz
Return Loss @ CF: 15 dB Max
Return Loss @ 45 MHz BW: 14 dB Min
Rejection @ CF: 38 dB Min @ +/- 50 MHz
Impedance: 50 ohm In/Out
Power Handling: 18 W CW

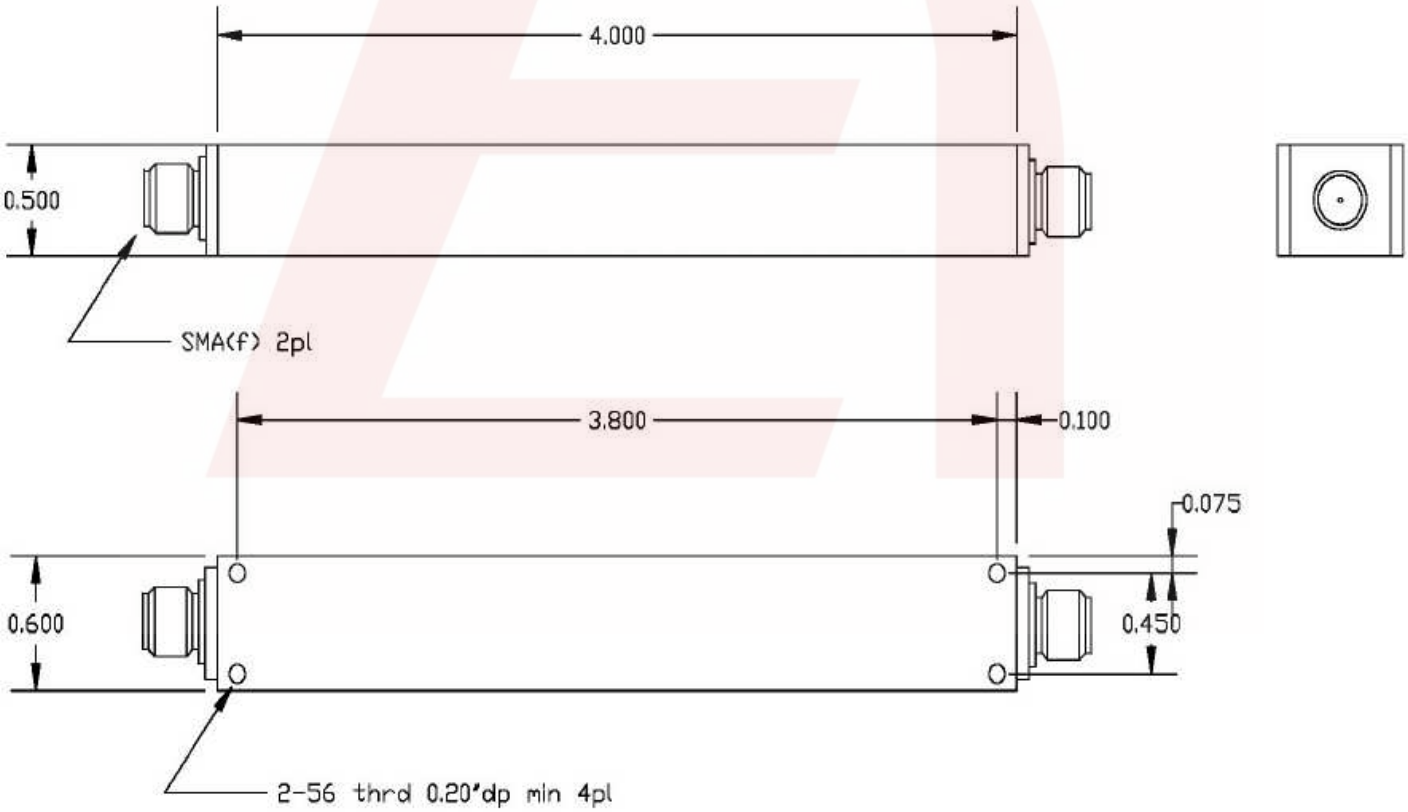
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA (F)
Dimensions: 4 x 0.50 x 0.60 in

Environmental

Operating Temperature: -40°C to +70°C
Storage Temperature: -55°C to +95°C
Humidity: 95%
Shock: 30 G. 11ms
Vibration: 10 G. 5 to 1000 Hz

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.

DS-B10366-03122025-Rev2

70 Outwater Lane **Phone: (973) 772-4242** **Email: sales@anatechelectronics.com**
Garfield, NJ 07026 **Fax: (973) 321-3941** **Web: www.anatechelectronics.com**

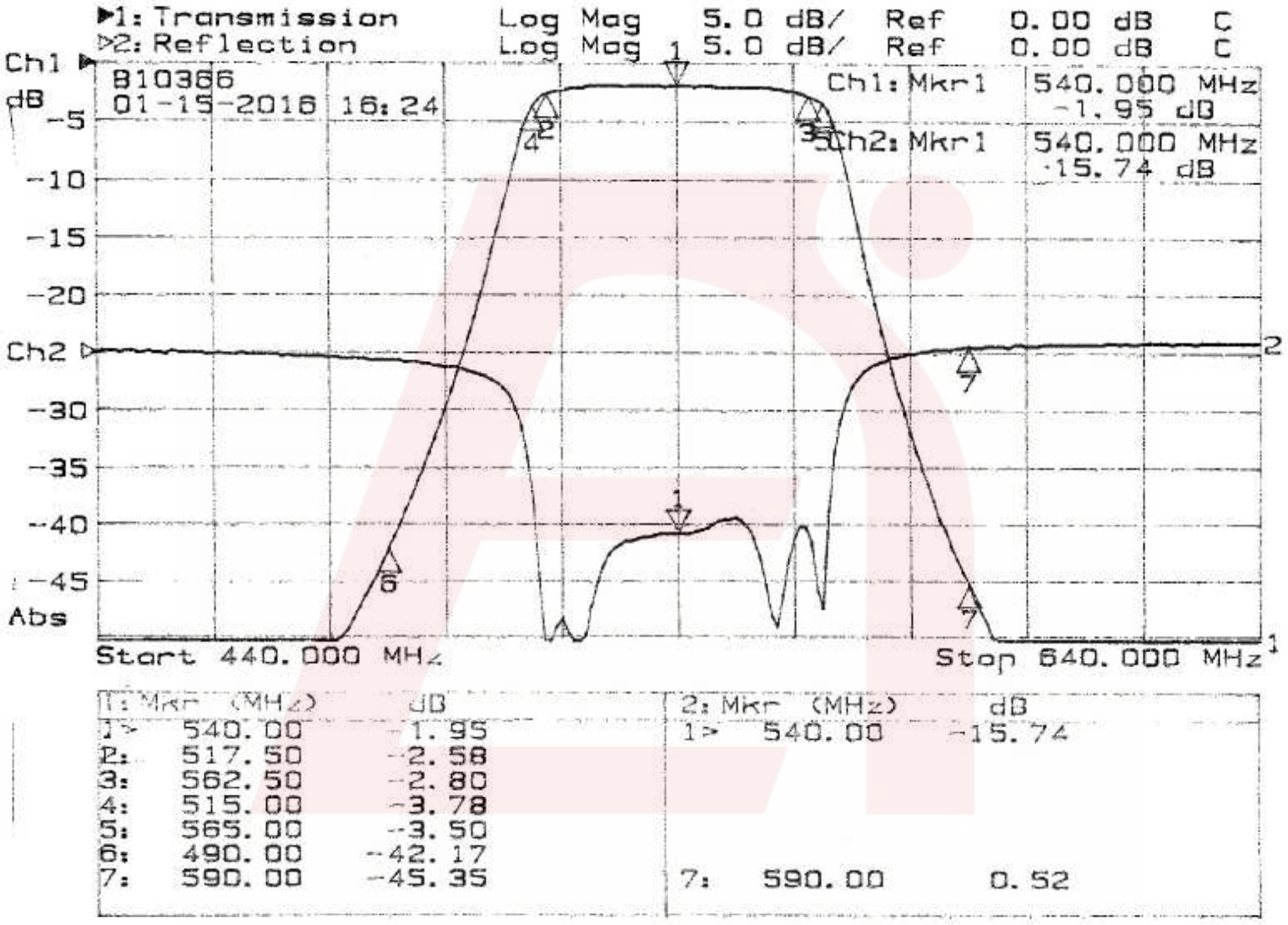
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Response Plot:



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