



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

127.7 MHz LC Band Pass Filter

Part Number: AE127.7B5473



Electrical Specifications

Center Frequency (CF): 127.7 MHz
0.5dB Passband: 127.3-128.1 MHz
Insertion Loss @ CF : 8.0dB Max.
Return Loss @ CF : 14.0dB Min.
Rejection1: 35dB Min @ 122.6 MHz
Rejection2: 35dB Min @ 132.3 MHz

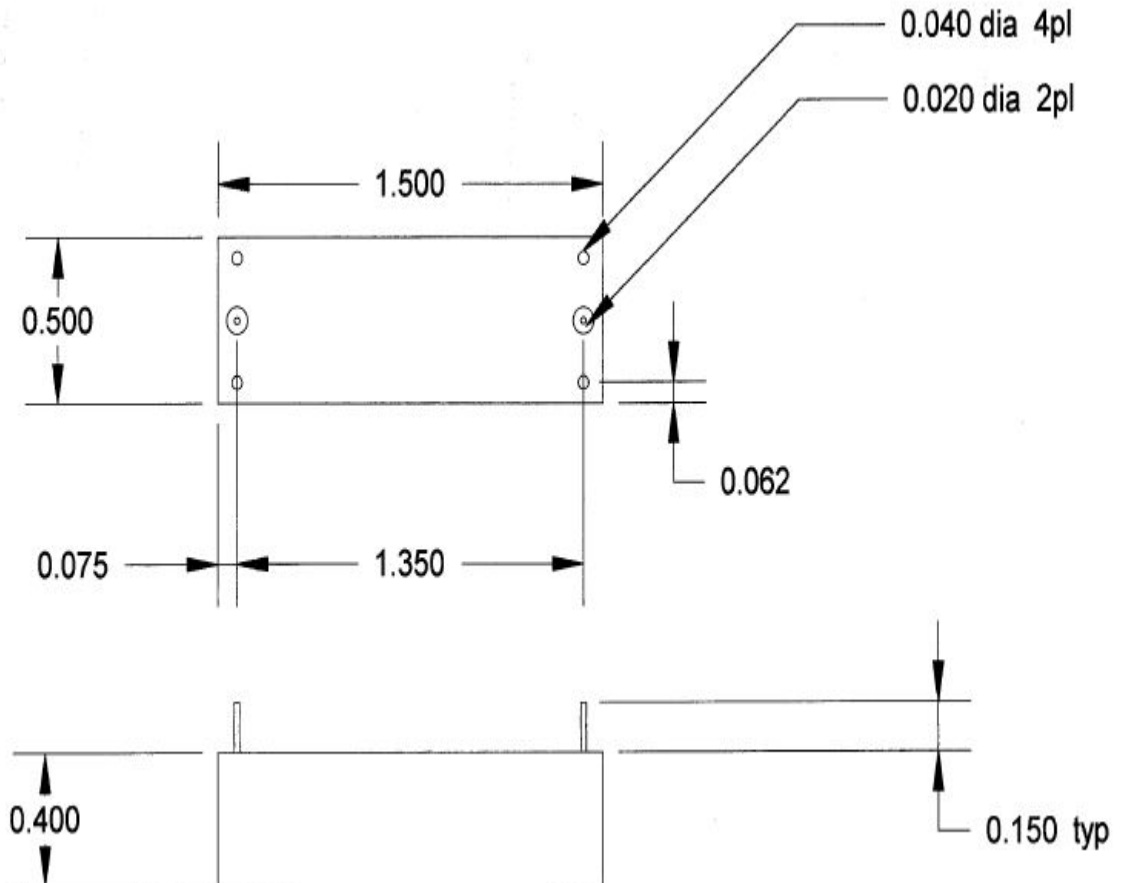
Mechanical

Connector Type: Pc-Mount
Dimensions: 1.5" X 0.5" x 0.4".

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.

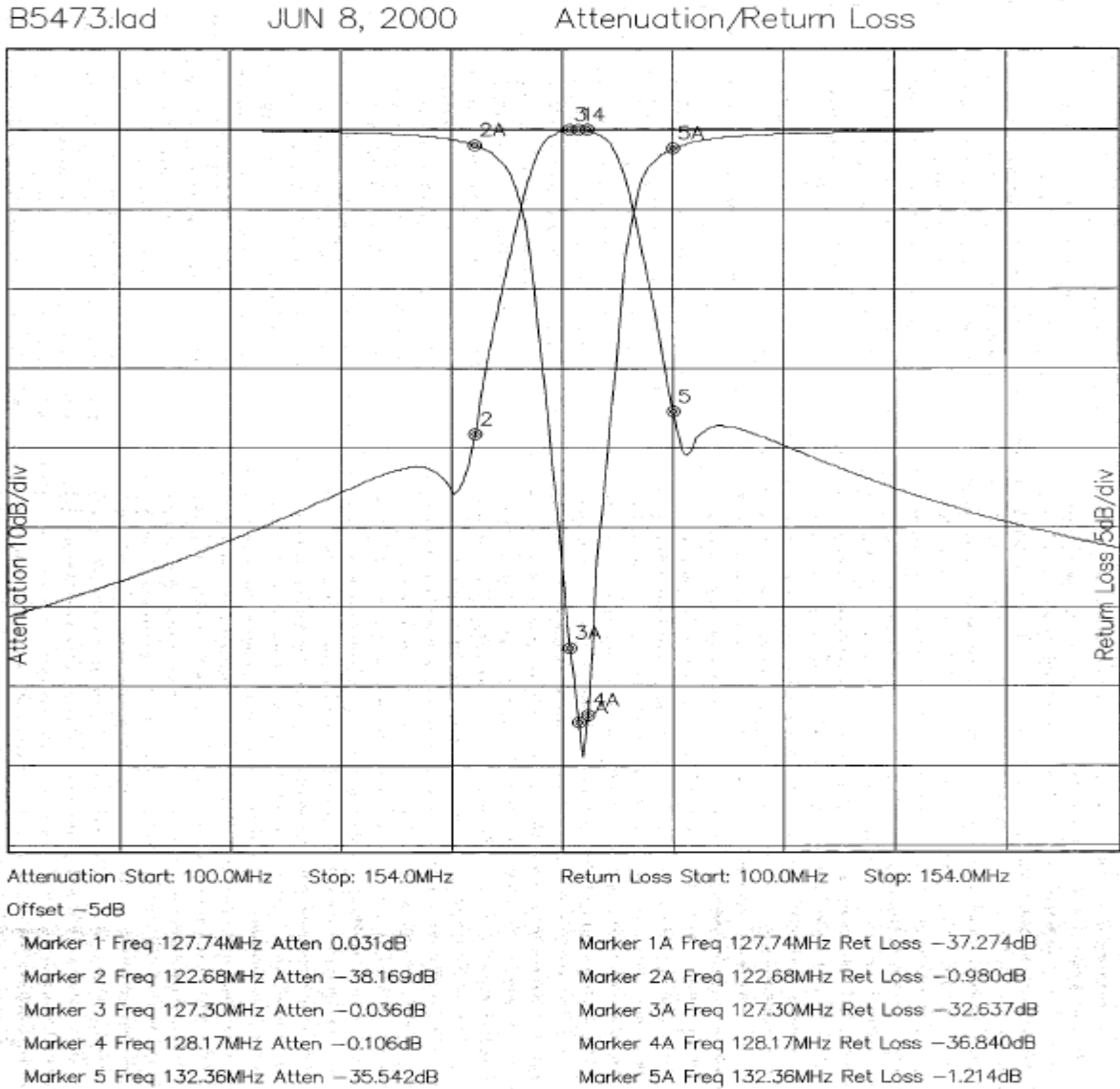
*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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Simulation Plot:



Note: This is a simulated response plot. Actual performance might differ.