



**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

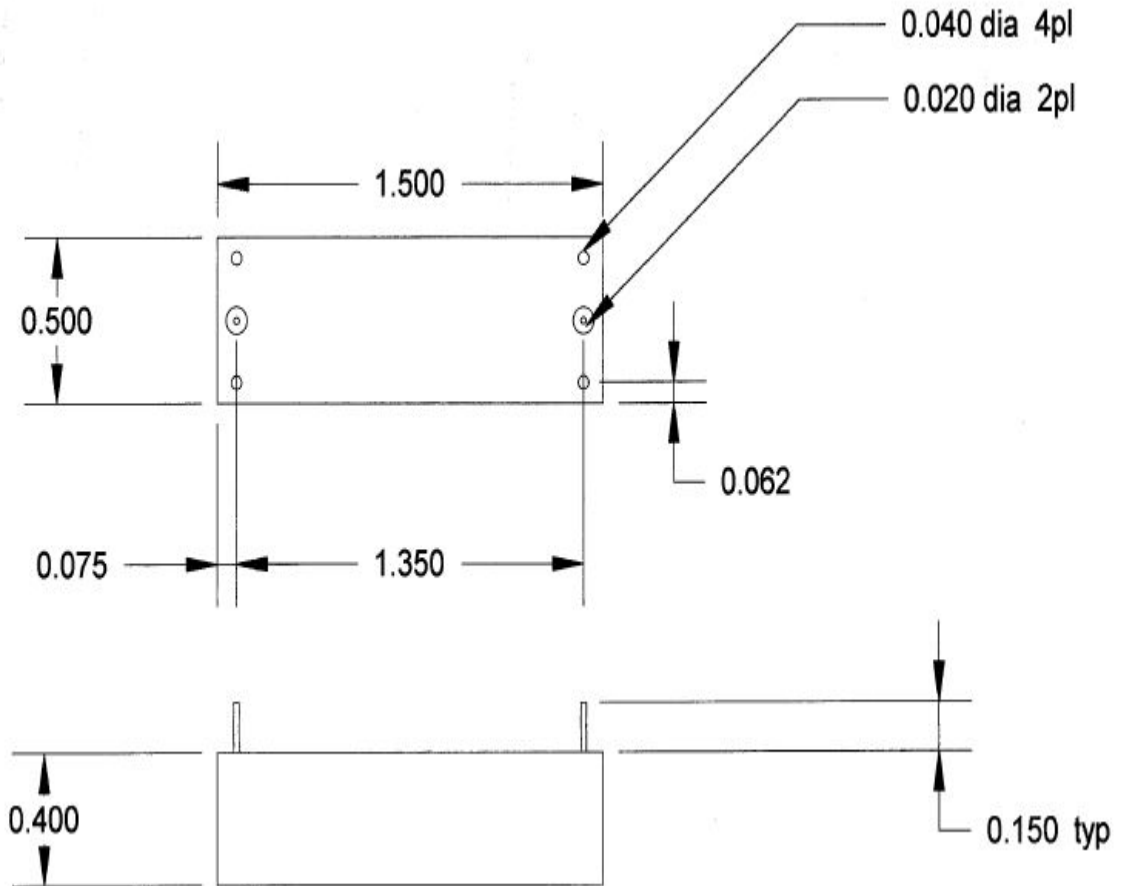
## Mechanical

**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.

**70 Outwater Lane Phone: (973) 772-4242**  
**Garfield, NJ 07026 Fax : (973) 321-3941**

**Email: [sales@anatechelectronics.com](mailto:sales@anatechelectronics.com)**  
**Web: [www.anatechelectronics.com](http://www.anatechelectronics.com)**



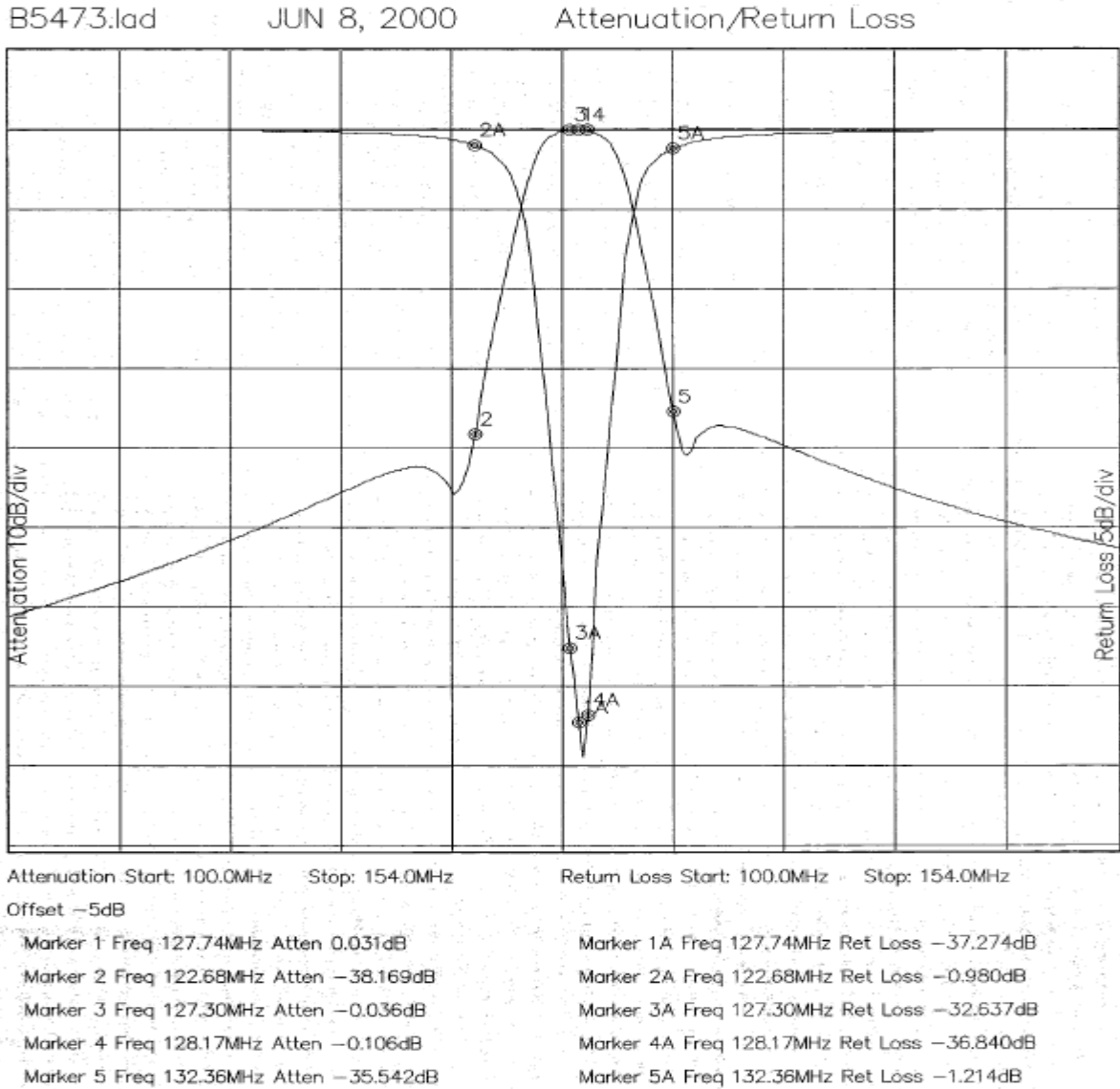
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## Simulation Plot:



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