



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 968 MHz LC Band Pass Filter

**Part Number: AE968B5401**



## Electrical Specifications

**Center Frequency:** 968 MHz  
**3dB Passband:** 953 MHz to 983 MHz  
**Insertion Loss:** 8.0 dB Max.  
**Ripple:** 1.0 dB Max.  
**Return Loss:** 14 dB Min.  
**Rejection1:** 50 dB Min. @ 900 MHz  
**Rejection2:** 50dB Min. @ 1040 MHz  
**Power Handling:** 5 W

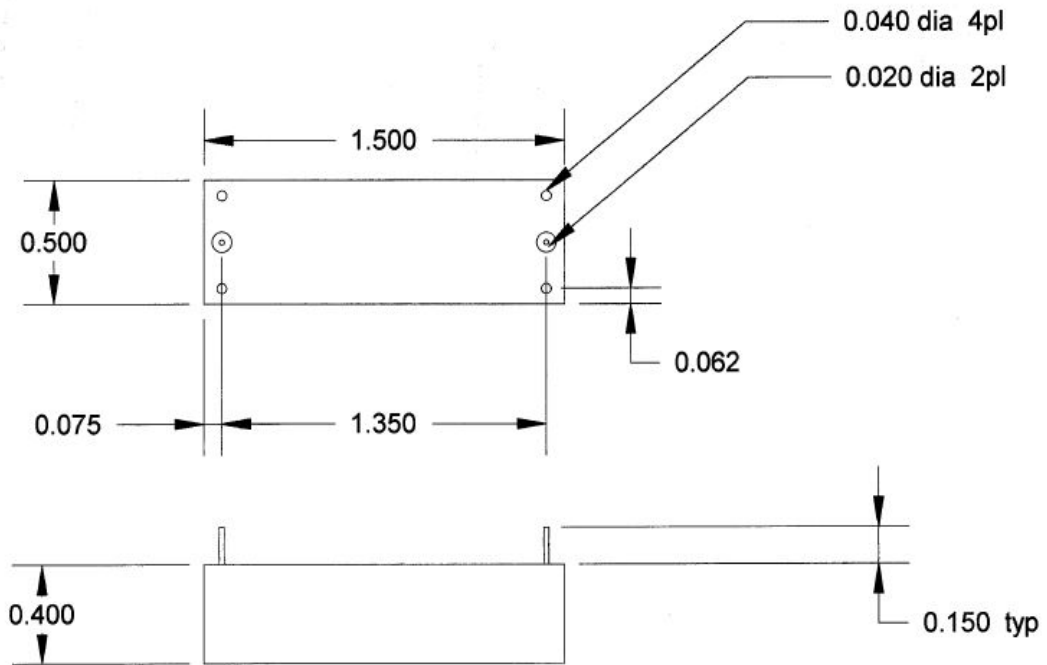
## Mechanical

**Mounting Method:** 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.

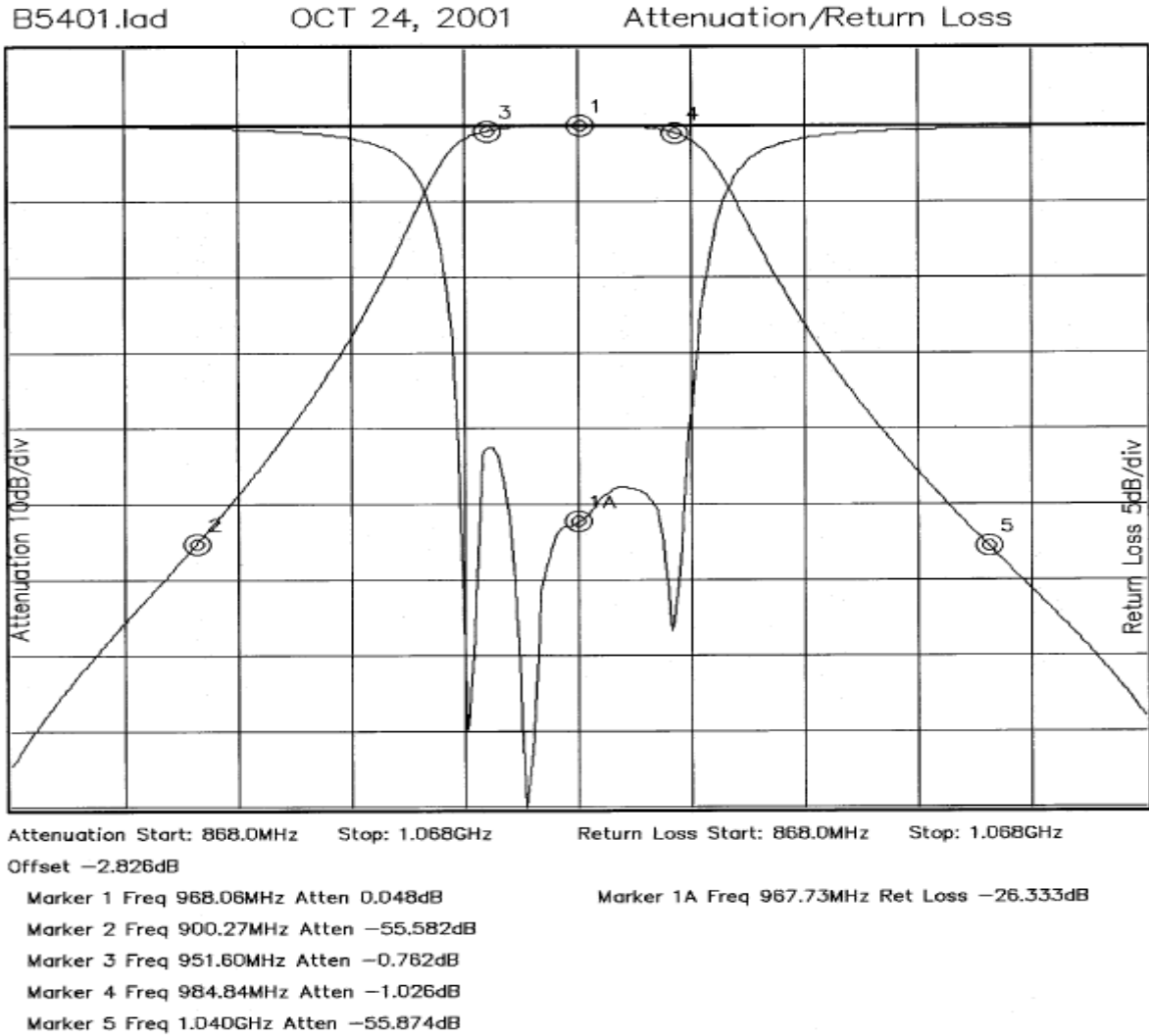
\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

**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)**



### Simulation Plot:



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