



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

## 32.8 MHz LC Band Pass Filter

Part Number: AE32.8B5475



### Electrical Specifications

**Center Frequency:** 32.8 MHz  
**0.5dB Passband:** 31.8-34 MHz Min.  
**Insertion Loss @ 32.8 MHz:** 8.0dB Max.  
**Return Loss:** 14.0 dB Min.  
**Rejection1:** 35dB Min @ 28.6 MHz  
**Rejection2:** 35dB Min @ 37.4 MHz

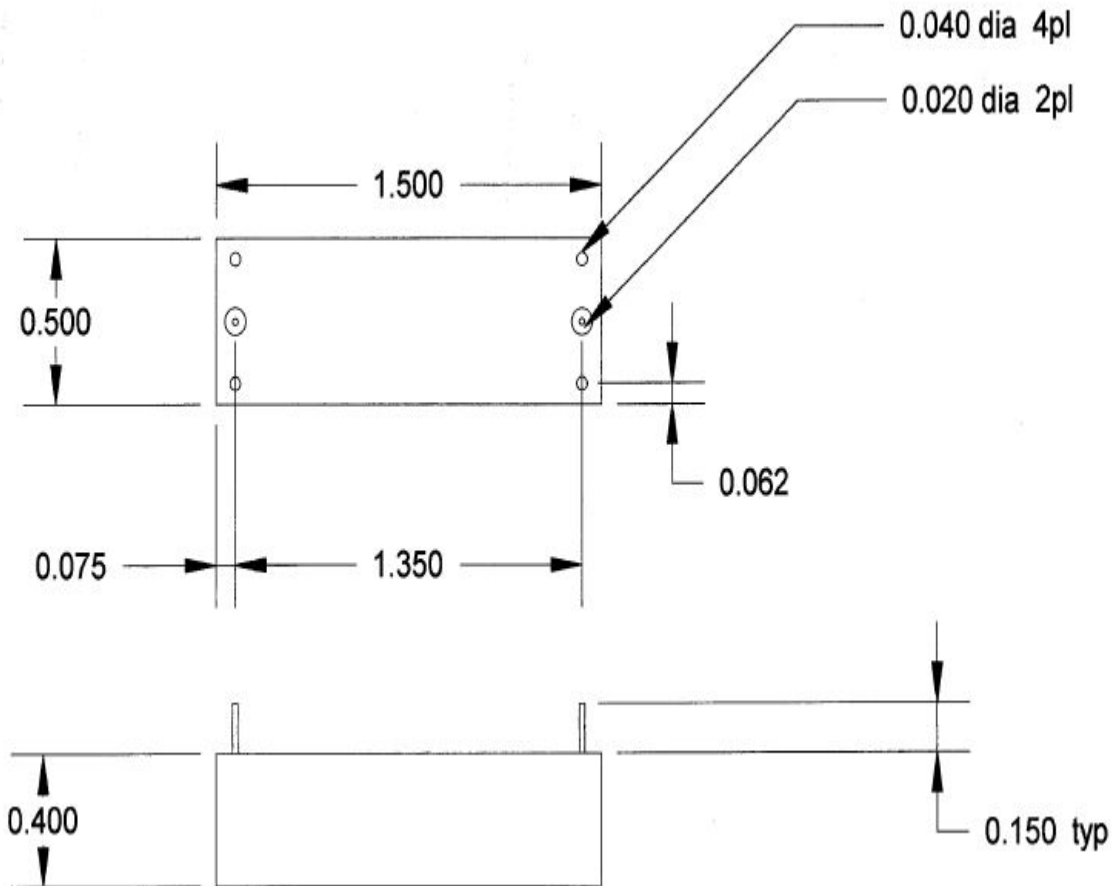
### Mechanical

**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.

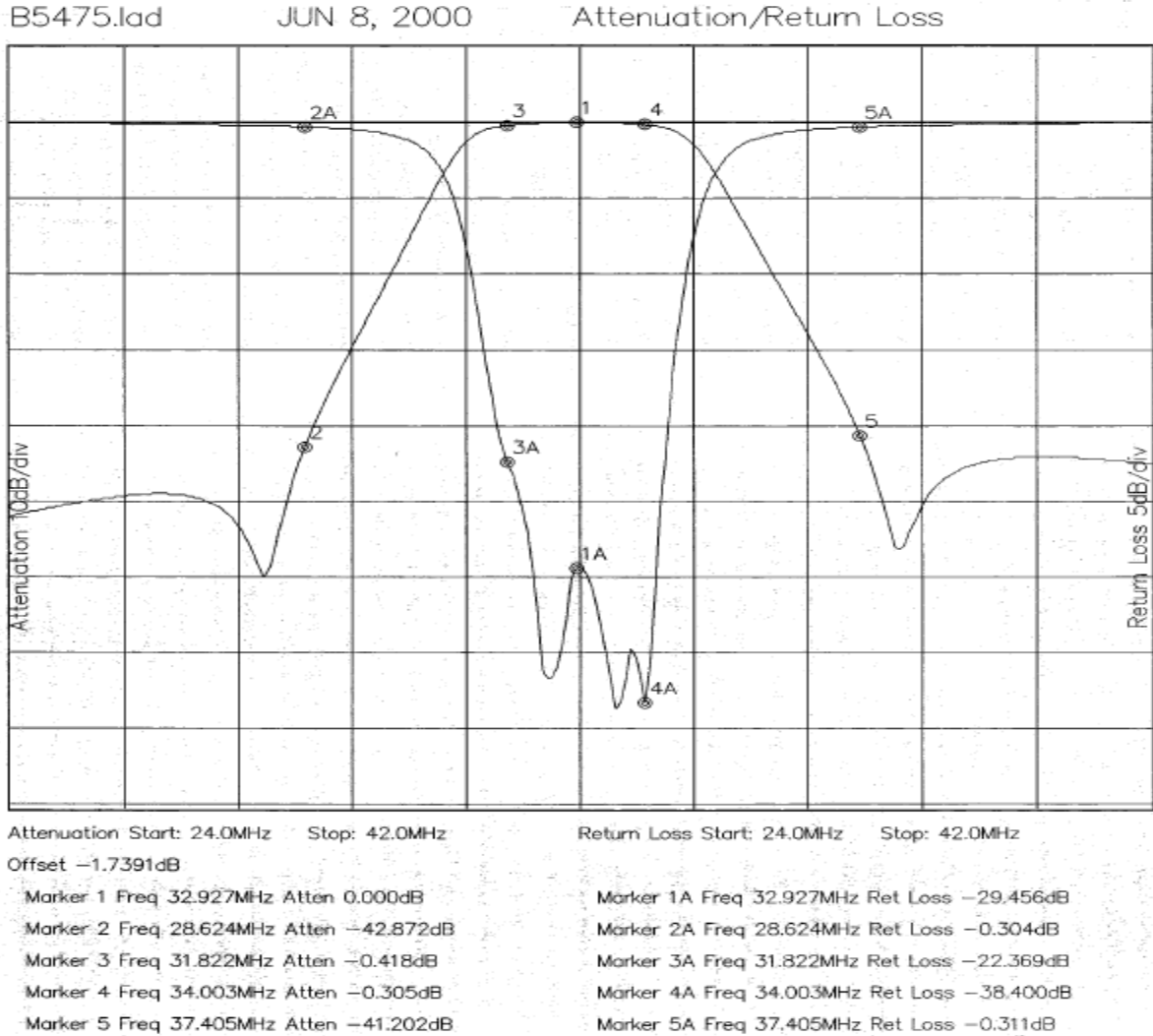
\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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)



**Simulation Plot:**



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