



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

# 14.39 MHz LC Band Pass Filter

**Part Number: AE14.39B5667**



## Electrical Specifications

**Center Frequency(CF):** 14.39 MHz  
**0.5dB Passband(PB):** 13.9-14.9 MHz  
**Insertion Loss @ CF :** 3.0 dB Max.  
**Return Loss @ PB:** 14 dB Min.  
**Rejection1:** 40 dB Min @ 12.35 MHz  
**Rejection2:** 40 dB Min @ 15.7 MHz

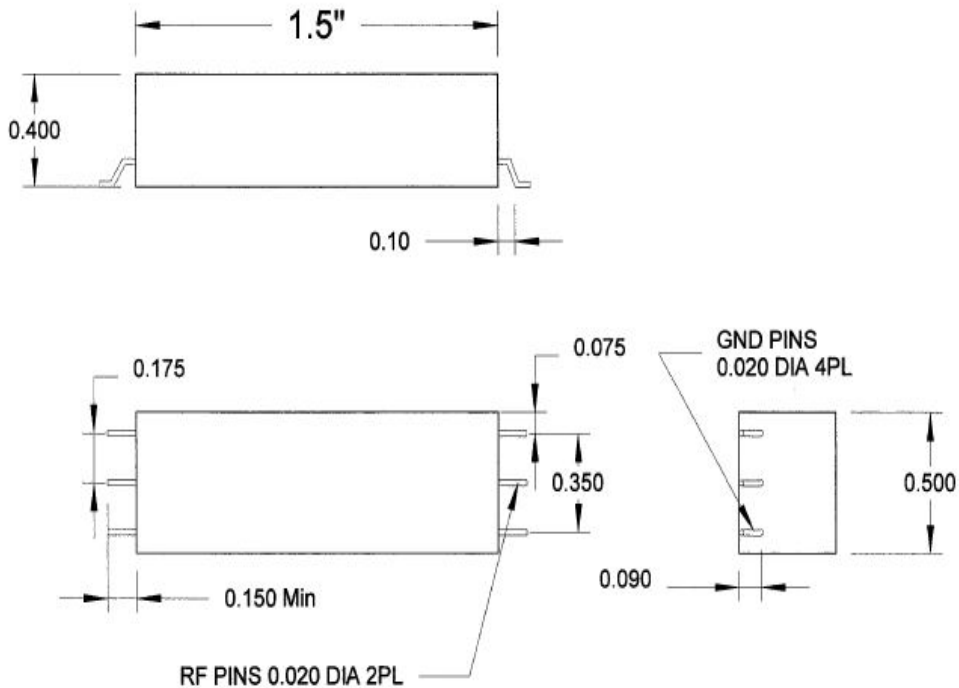
## Mechanical

**Connector Type:** SMT  
**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.

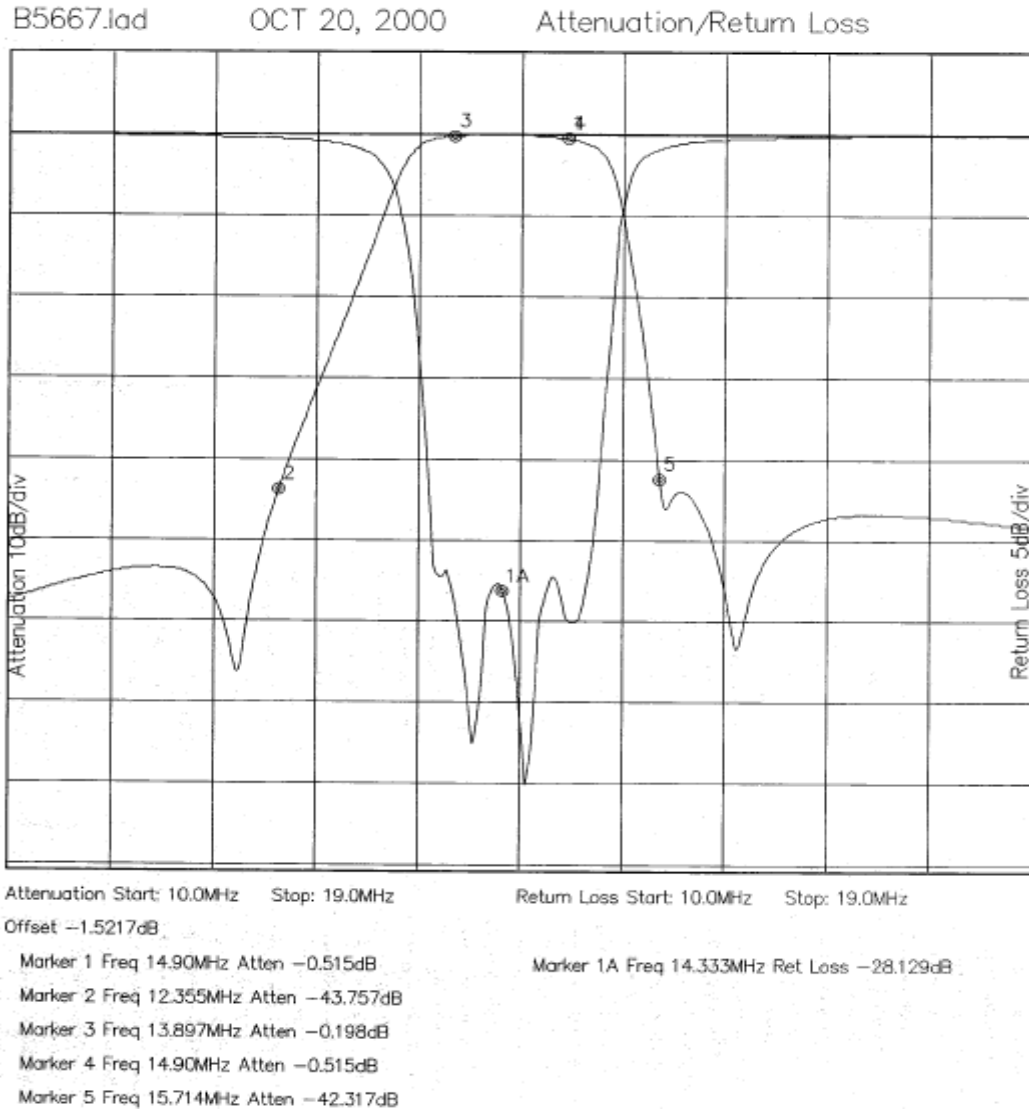
\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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### Simulation Plot:



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