



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

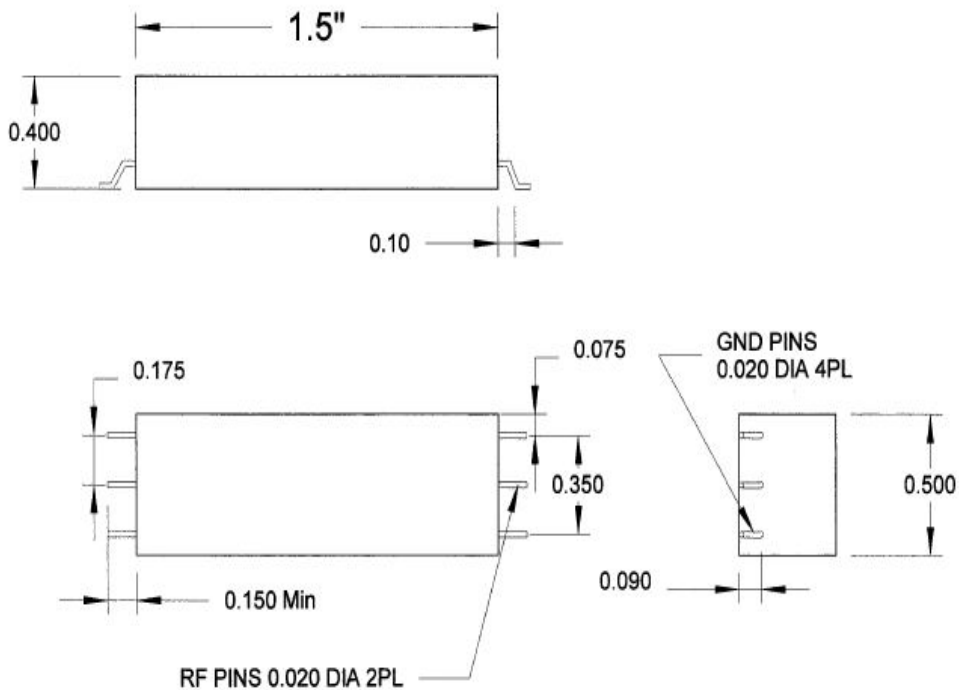
Mechanical

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.

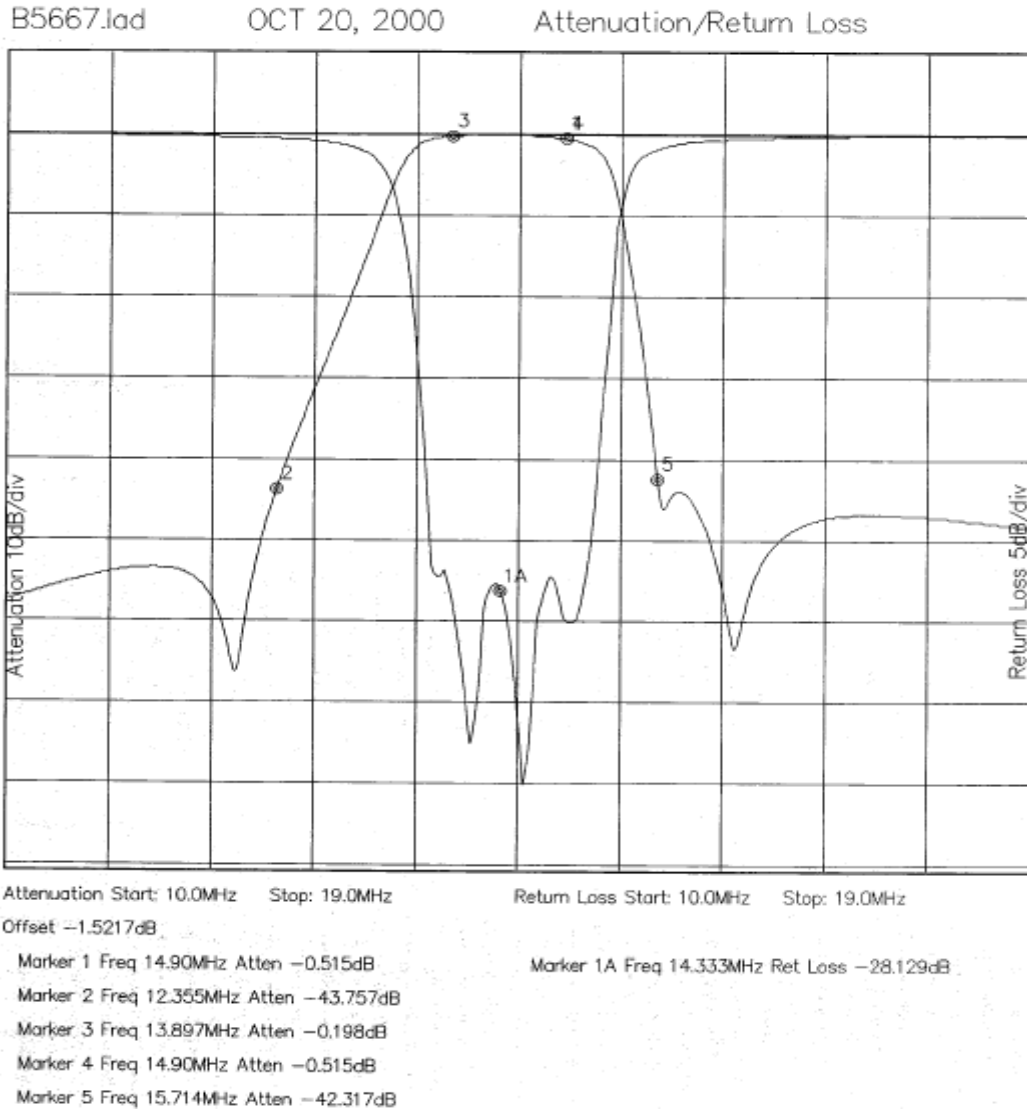
*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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Simulation Plot:



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