



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

## 70 MHz LC Band Pass Filter

**Part Number: AE70B5576**



### Electrical Specifications

**Center Frequency:** 70 MHz

**3dB Bandwidth:** 20 MHz

**Insertion Loss:** 3.0 dB Max.

**Return Loss:** 14 dB Min.

**Rejection1:**  $\geq 55$  dB @ 45 MHz

**Rejection2:**  $\geq 55$  dB @ 95 MHz

### Mechanical

**Connector Type:** PC-Mount

**Dimensions:** 1.5" X 0.38" x 0.38" .

### Environmental

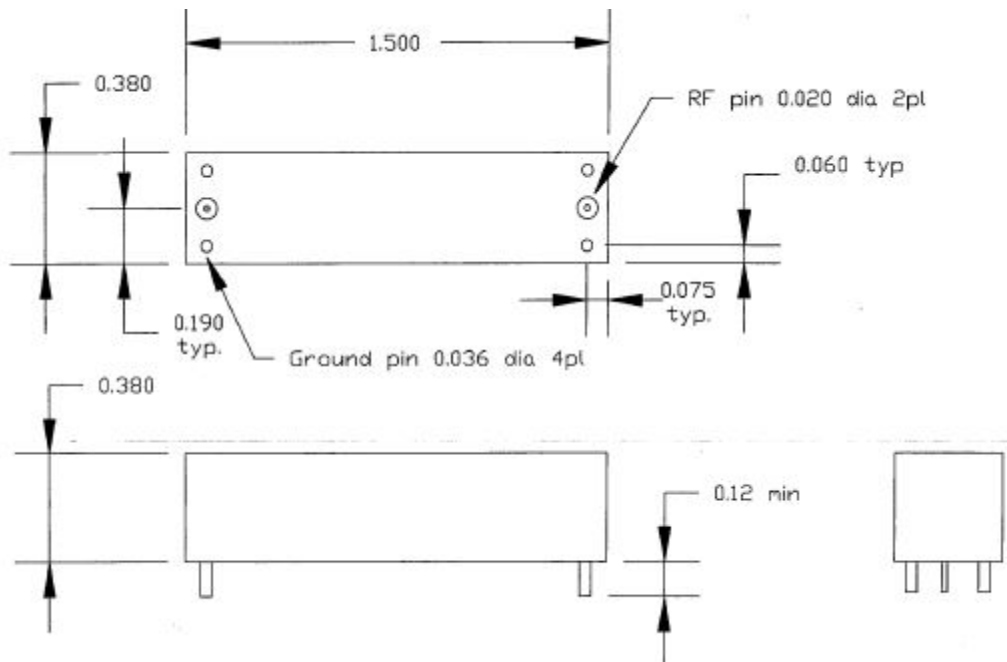
**Operating Temperature:** -25°C to +70°C

**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.

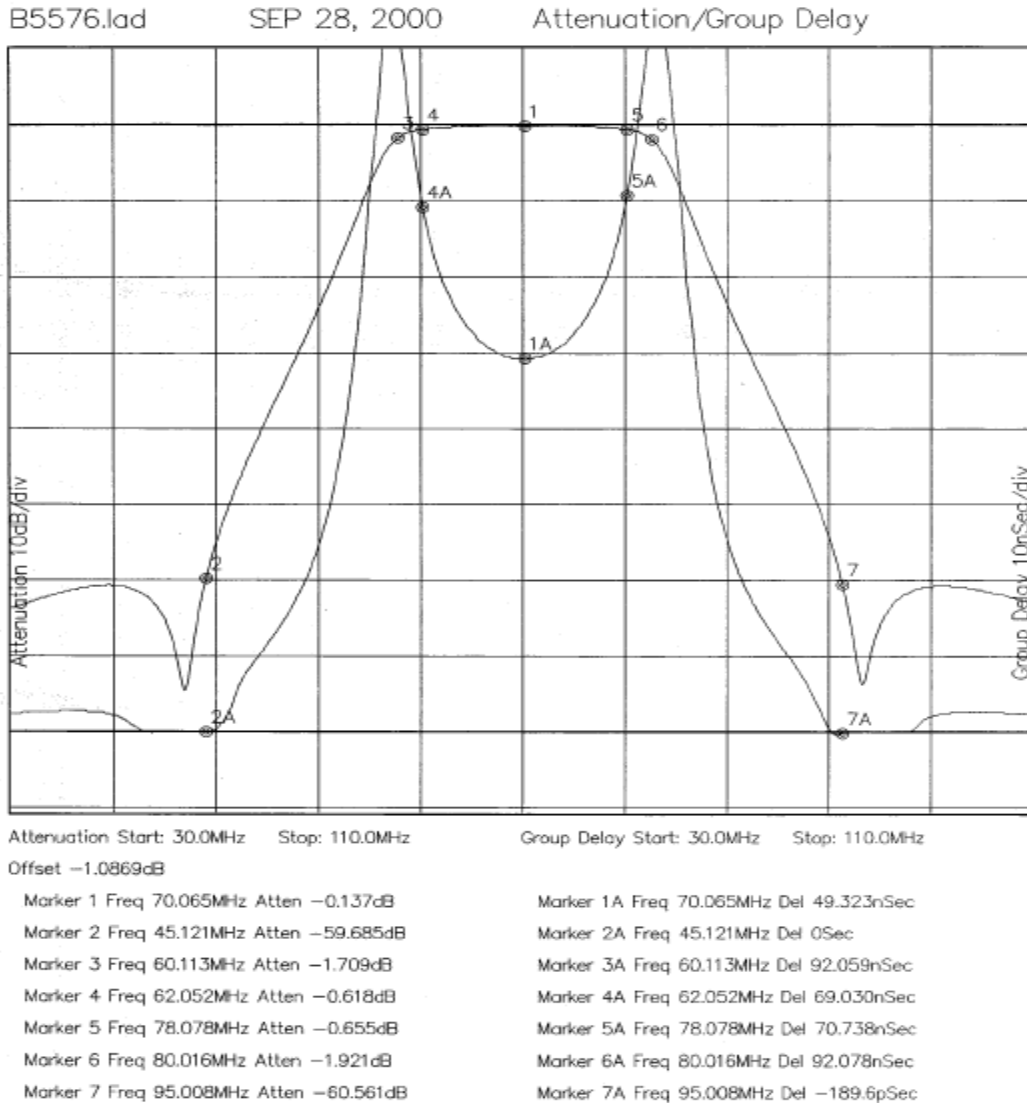
\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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**Simulation Plot:**



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