



**Electrical specifications**

**Cutoff Frequency :** 37 MHz  
**1dB Passband(PB):** 35 MHz  
**3dB Passband (PB):** 37 MHz  
**Insertion loss :** 3 dB Max.  
**Return loss:** 14 dB Min.  
**Rejection :** 60 dB Min. @ 200 MHz  
**Input / Output Impedance:** 50 Ohms

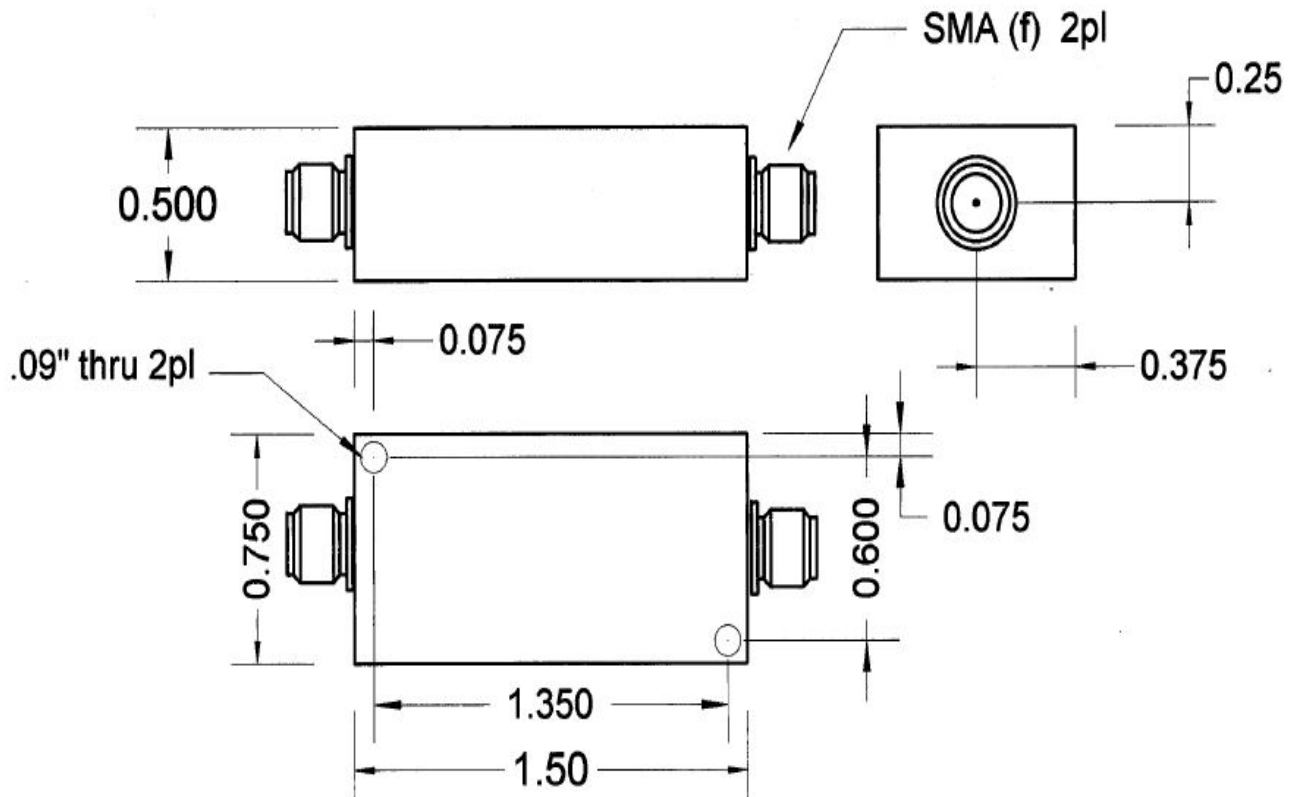
**Mechanical**

**Mounting Method:** Threaded Holes  
**Mounting Method:** SMA(F)  
**Dimensions:** 1.5 X 0.75 X 0.5 in.

**Environmental**

**Operating Temperature:** -40°C to +70°C  
**Storage Temperature:** -50°C to +80 °C  
**Shock:** 10G. 11ms  
**Vibration:** 10G 0.5 to 200 Hz

**Outline Drawing:**



2 decimal places: +/-0.01 inches [+/- 0.3mm]  
 3 decimal places: +/- 0.005 inches [+/- 0.13mm]  
 Angles: +/- 1 Deg.

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



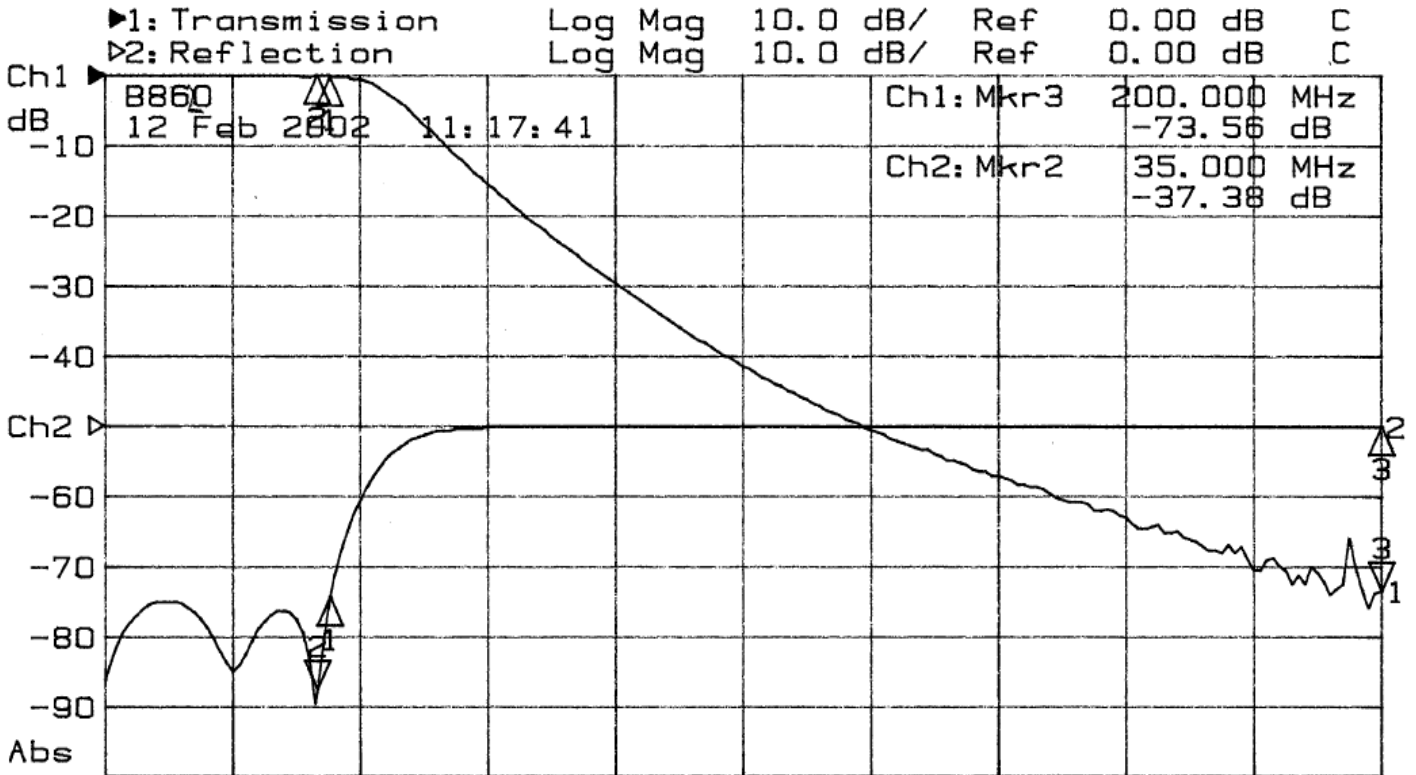
# 37 MHz LC Low Pass Filter

## Part Number: AE37L8620



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

### Response Plot :



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 37.00	-0.17	1: 37.00	-24.25
2: 35.00	-0.12	2> 35.00	-37.38
3> 200.00	-73.56	3: 200.00	0.06