



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

## 27 MHz LC Bandpass Filter

**Part Number: AE27B6761**



### Electrical specifications

**Center Frequency:** 27 MHz

**1dB Bandwidth:** 20 MHz

**Passband:** 20-40 MHz

**Insertion Loss:** 4 dB Max

**Return Loss:** 14 dB Min

**Rejection:** >45 dB @ 70-100 MHz  
>55 dB @ 100-500 MHz

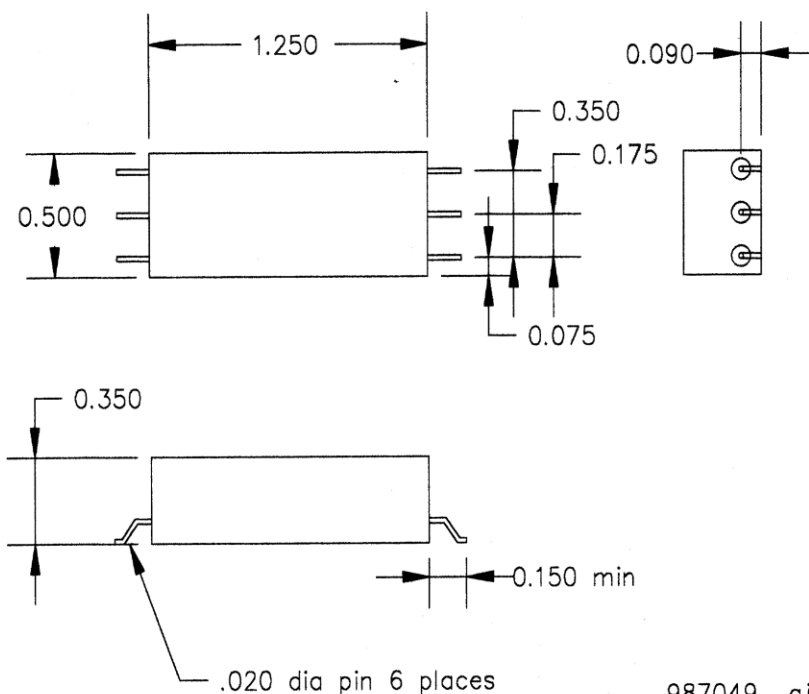
### Mechanical

**Dimensions:** 1.25 x 0.5 x 0.35 inches

### Environmental

**Operating Temperature:** -40 to +70° C

### Outline Drawing:



987049 ajs 2/28/03  
Outline Drawing  
Anatech Electronics Inc



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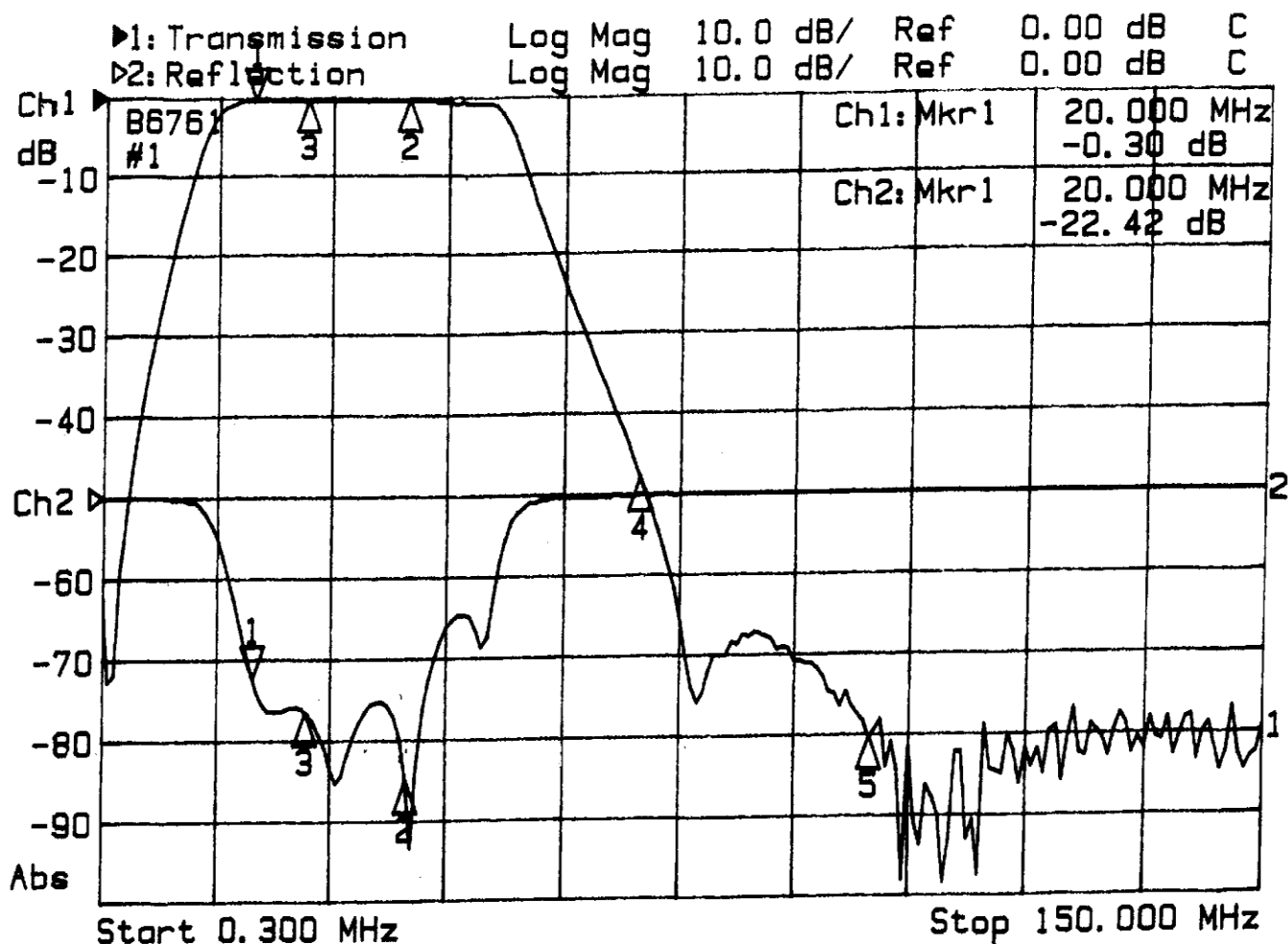
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4-15-03

Plot:



| 1: Mkr (MHz) | dB     | 2: Mkr (MHz) | dB     |
|--------------|--------|--------------|--------|
| 1> 20.00     | -0.30  | 1> 20.00     | -22.42 |
| 2: 40.00     | -0.30  | 2: 40.00     | -35.03 |
| 3: 27.00     | -0.27  | 3: 27.00     | -26.72 |
| 4: 70.00     | -48.13 |              |        |
| 5: 100.00    | -80.33 |              |        |