



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

## 36 MHz LC Bandpass Filter

**Part Number: AE36B9793**



### Electrical Specifications

**Center Frequency:** 36 MHz  
**Bandwidth:** 12 MHz  
**Passband :** 30 MHz to 42 MHz  
**Insertion Loss:**  $\leq 1$  dB  
**Return Loss:**  $>15$  dB @ 30 MHz to 42 MHz  
**Rejection:**  $>40$  dB @ 0-16 MHz  
**Rejection2:**  $>40$  dB @ 56MHz to 1000 MHz  
**Impedance:** 50 Ohms  
**Power Handling:** 2 Watts

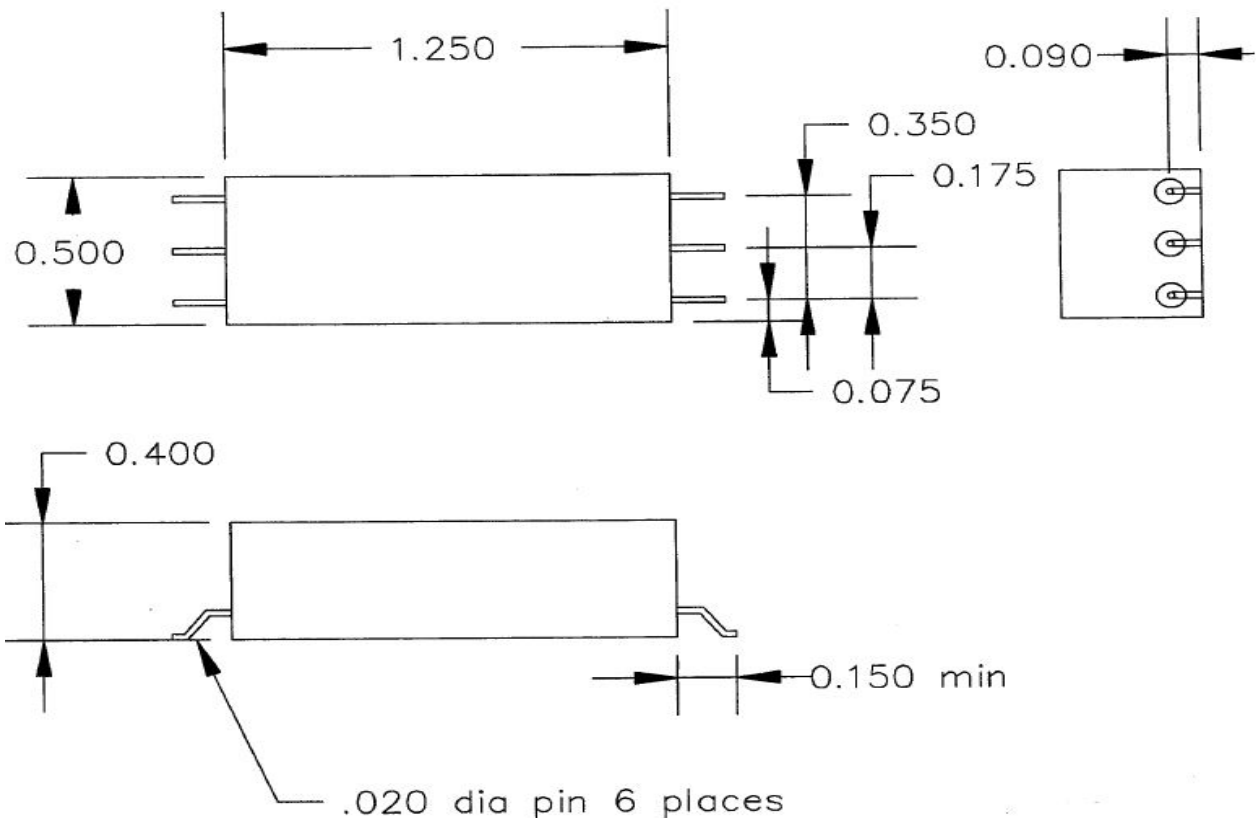
### Mechanical

**Connector Type:** Surface Mount  
**Dimensions:** 1.25" x 0.5" x 0.4" in.

### Environmental

**Operating Temperature:**  $-25^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$   
**Storage Temperature:**  $-40^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$   
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

### Outline Drawing:





**Response Plot:**

