



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

## 2370 MHz LC Bandpass Filter

Part Number: AE2370B10506



### Electrical Specifications

**Center Frequency:** 2370 MHz  
**Passband Frequency:** 2120-2620 MHz  
**Impedance:** 50 Ohms  
**Bandwidth:** 500 MHz  
**Insertion Loss:**  $\leq 1\text{dB}$  @2120-2600 MHz  
**Insertion Loss:**  $\leq 1.25\text{dB}$  @2620 MHz  
**Rejection:**  $> 33\text{ dB}$  @3180 MHz  
**Return Loss:** 14 dB @2160-2600 MHz  
**Return Loss:** 12dB @2620 MHz

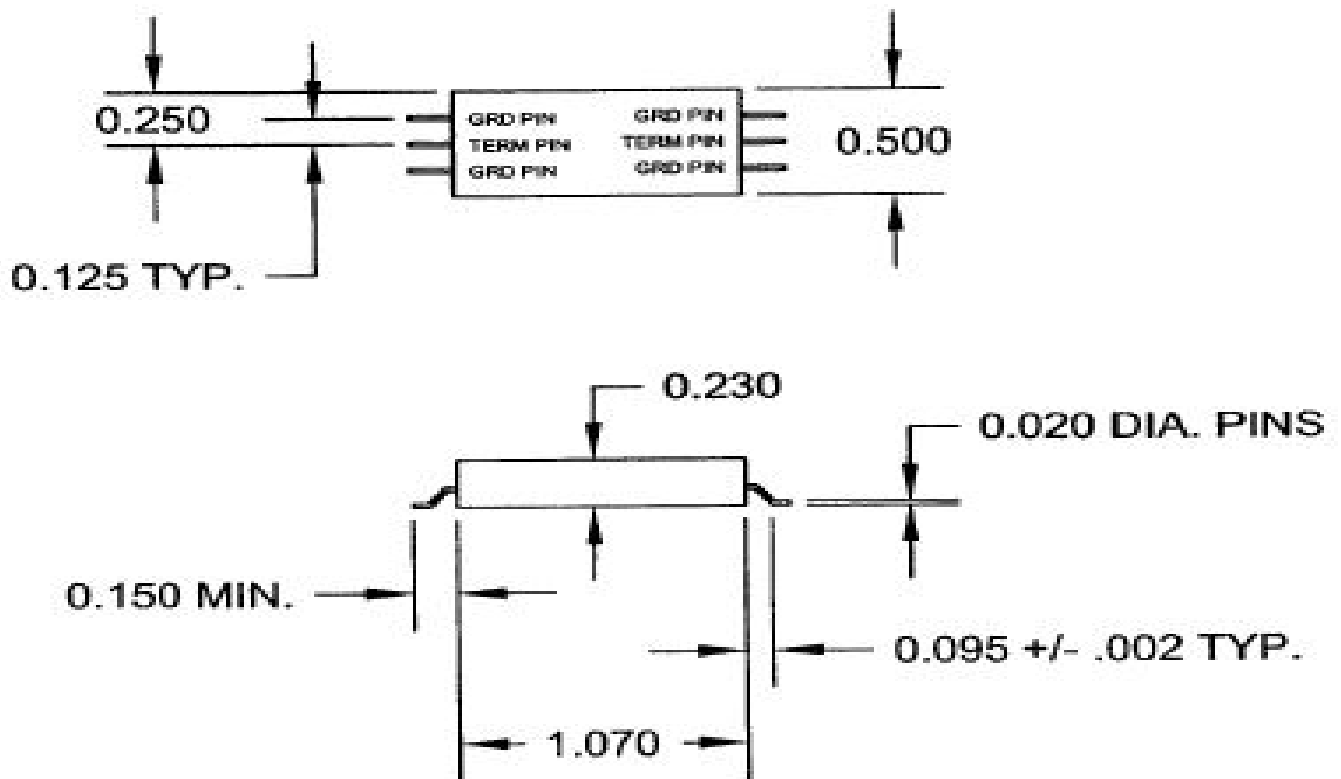
### Mechanical

**Connector Type:** Surface Mount  
**Dimensions:** 1.070" X 0.5" x 0.230" 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:

