



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

## 450 MHz LC Bandpass Filter

Part Number: AE450B10231



### Electrical Specifications

**Center Frequency:** 450 MHz  
**Bandwidth:** 300 MHz  
**Passband :** 300 MHz to 600 MHz  
**Insertion Loss:**  $\leq 2.0\text{dB}$  @ 450 MHz  
**Return Loss:**  $>15\text{dB}$  @ 300 MHz to 600 MHz  
**Rejection:**  $>30\text{dB}$  @ 0-225 MHz  
**Rejection2:**  $>30\text{dB}$  @ 675 MHz to 4000 MHz  
**Impedance:** 50 Ohms

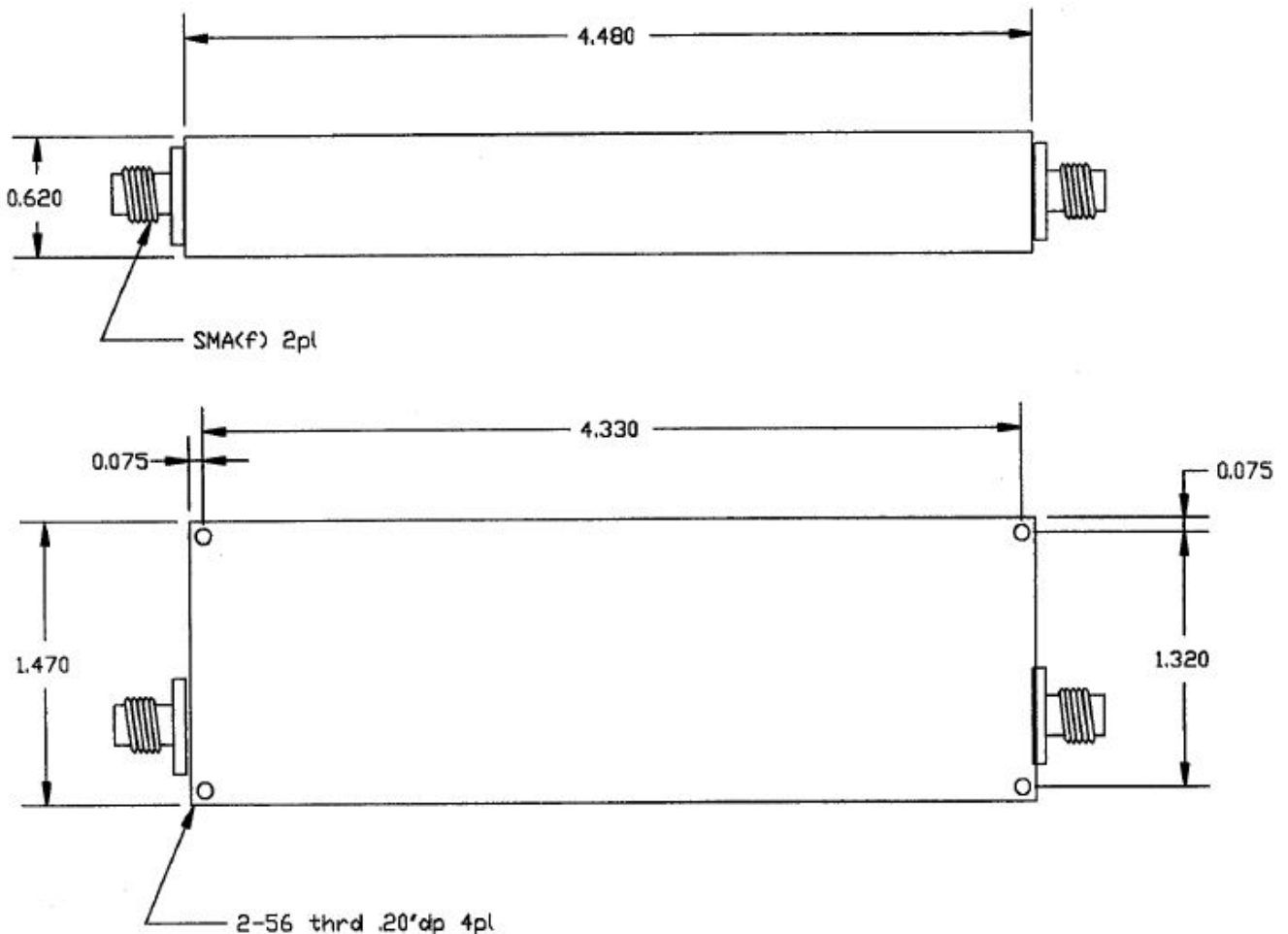
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 4.480" x 1.470" x 0.620" 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:





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

# 450 MHz LC Bandpass Filter

Part Number: AE450B10231



## Response Plot:

