



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

## 527.24 MHz LC Bandpass Filter

Part Number: AE527.24B10195



### Electrical Specifications

**Center Frequency:** 527.24 MHz

**Bandwidth:** 10 MHz

**Passband :** 522.24 MHz to 532.24 MHz

**Insertion Loss:**  $\leq 4.0\text{dB}$  @ 527.24 MHz

**Return Loss:**  $>15\text{dB}$  @ 522.24 MHz to 532.24 MHz

**Rejection:**  $>35\text{dB}$  @ 0-495 MHz

**Rejection2:**  $>95\text{dB}$  @ 559 MHz to 2000 MHz

**Impedance:** 50 Ohms

### Mechanical

**Mounting Method:** Threaded Mounting Holes

**Connector Type:** MMCX(F)

**Dimensions:** 3.60" x 1.375" x 0.625" in.

### Environmental

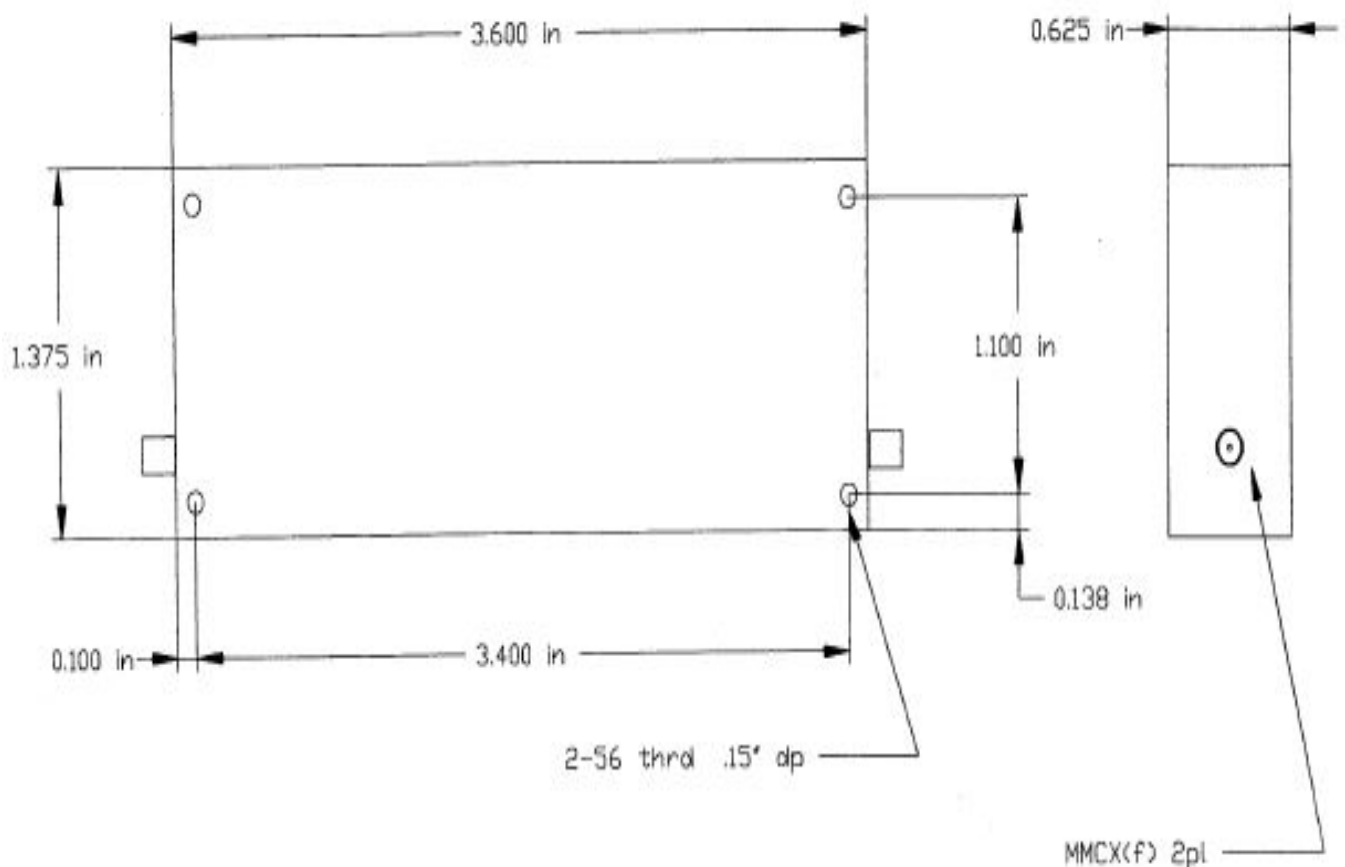
**Operating Temperature:**  $-25^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$

**Storage Temperature:**  $-40^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$

**Shock:** 10 G. 11ms

**Vibration:** 10 G. 5 to 200Hz

### Outline Drawing:





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## Response Plot:

