



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

## 6.137 MHz LC Band Pass Filter

Part Number: AE6.137B5735



### Electrical Specifications

**Center Frequency:** 6.137 MHz  
**0.5dB Passband:** 5.77-6.57 MHz  
**Insertion Loss:** 3.0dB Max.  
**Return Loss:** 14dB Min.  
**Rejection:**  $\geq 20$  dB @ 0-5 MHz  
**Rejection2:**  $\geq 20$  dB @ 7 MHz  
**Rejection3:**  $\geq 35$  dB @ 8.1-200 MHz

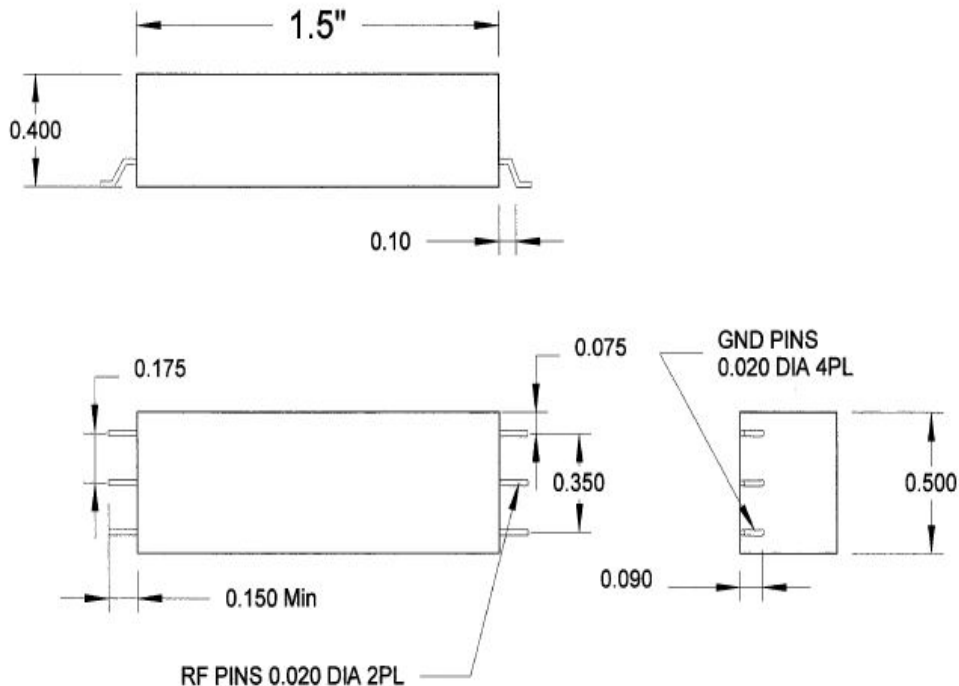
### Mechanical

**Connector Type:** SMT  
**Dimensions:** 1.5" X 0.5" x 0.4" .

### Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -40°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

### Outline Drawing:





**Response Plot:**

