



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

## 31.2 MHz LC Bandpass Filter

Part Number: AE31.2B5315



### Electrical Specifications

**Center Frequency:** 31.2 MHz

**Passband:** 31.18 MHz to 31.220 MHz

**Insertion Loss:** <8.0dB

**VSWR:** <2.0:1

**Rejection:**  $\geq 50\text{dB}$  @ 21.18 MHz to 30.927 MHz

**Rejection2:**  $\geq 73\text{dB}$  @ 30.927 MHz to 31.102 MHz

**Rejection3:**  $\geq 60\text{dB}$  @ 31.102 MHz to 31.160 MHz

**Rejection4:**  $\geq 60\text{dB}$  @ 31.24 MHz to 41.220 MHz

**Impedance:** 50 Ohms

### Mechanical

**Connector Type:** Surface-Mount

**Dimensions:** 2.0" x 0.65" x 0.5" in.

### 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:

