



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 $+70^{\circ}\text{C}$

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

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 200Hz

Outline Drawing:

