



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2370 MHz LC Bandpass Filter

Part Number: AE2370B10506



Electrical Specifications

Center Frequency: 2370 MHz
Passband Frequency: 2120-2620 MHz
Impedance: 50 Ohms
Bandwidth: 500 MHz
Insertion Loss: $\leq 1\text{dB}$ @2120-2600 MHz
Insertion Loss: $\leq 1.25\text{dB}$ @2620 MHz
Rejection: $> 33\text{ dB}$ @3180 MHz
Return Loss: 14 dB @2160-2600 MHz
Return Loss: 12dB @2620 MHz

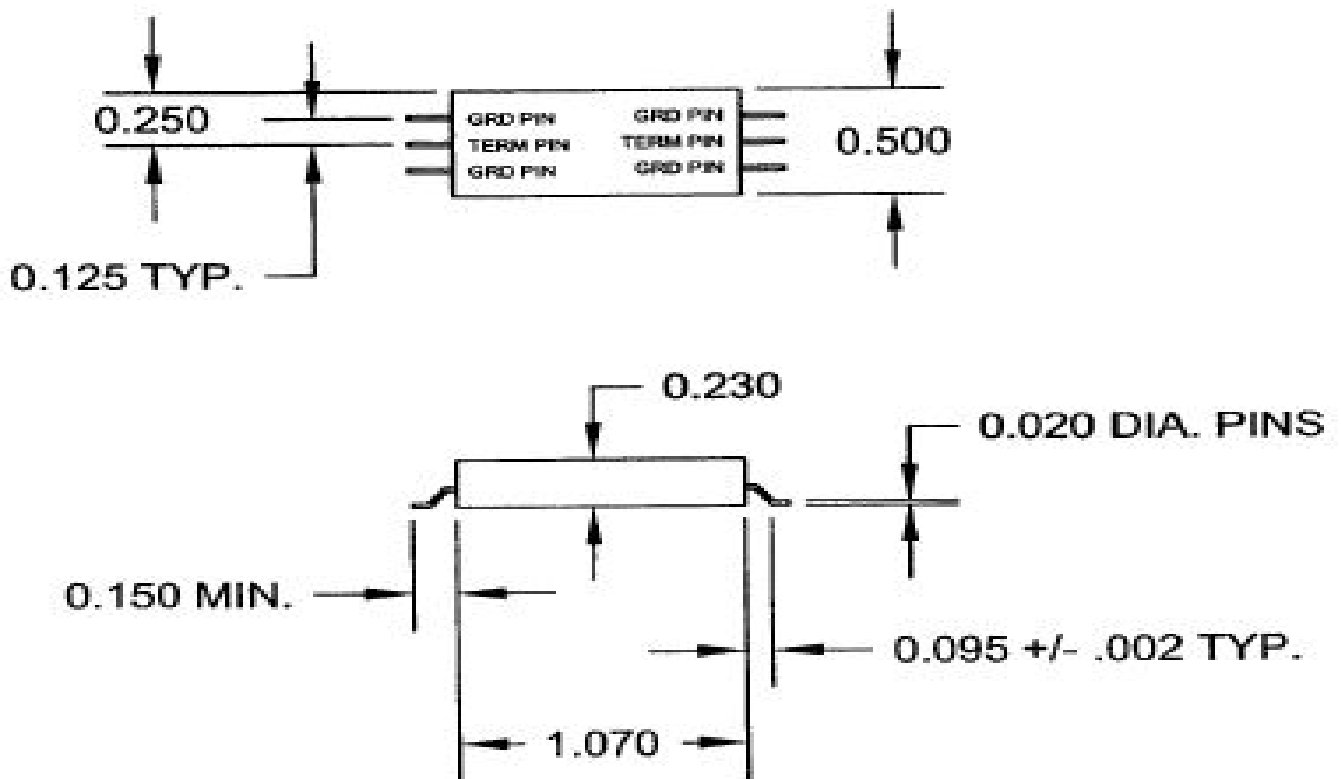
Mechanical

Connector Type: Surface Mount
Dimensions: 1.070" X 0.5" x 0.230" 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:





Response Plot:

