



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1185 MHz LC Bandpass Filter

Part Number: AE1185B10505



Electrical Specifications

Center Frequency: 1060-1310 MHz
Bandwidth: 250 MHz
Impedance: 50 Ohms
Return loss: ≥ 14 dB @ 1060-1003 MHz
Return loss: > 12 dB @ 1310 MHz
Rejection : > 30 dB @ 1590 MHz
Insertion loss: ≤ 1.0 dB @ 1060-1003 MHz
Insertion loss: < 1.25 dB @ 1312 MHz

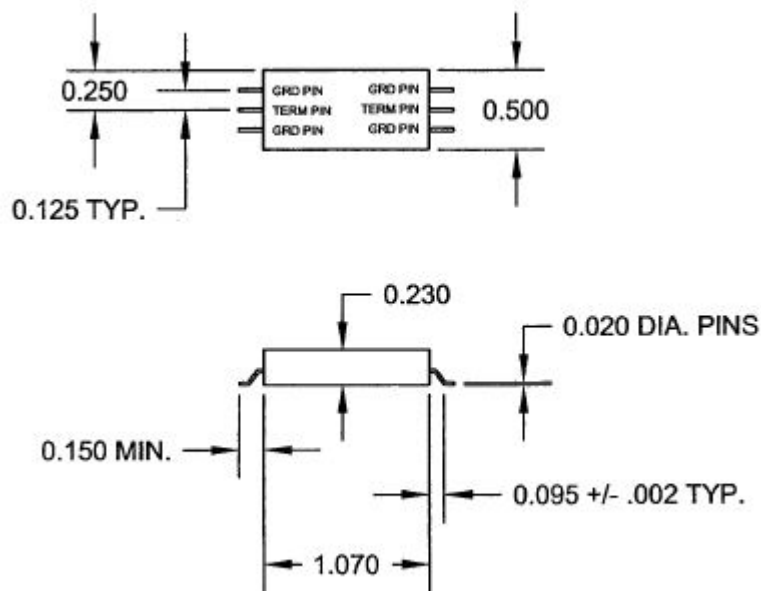
Mechanical

Mounting Method: Surface Mount
Connector Type: SMT 0.02" Pins
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

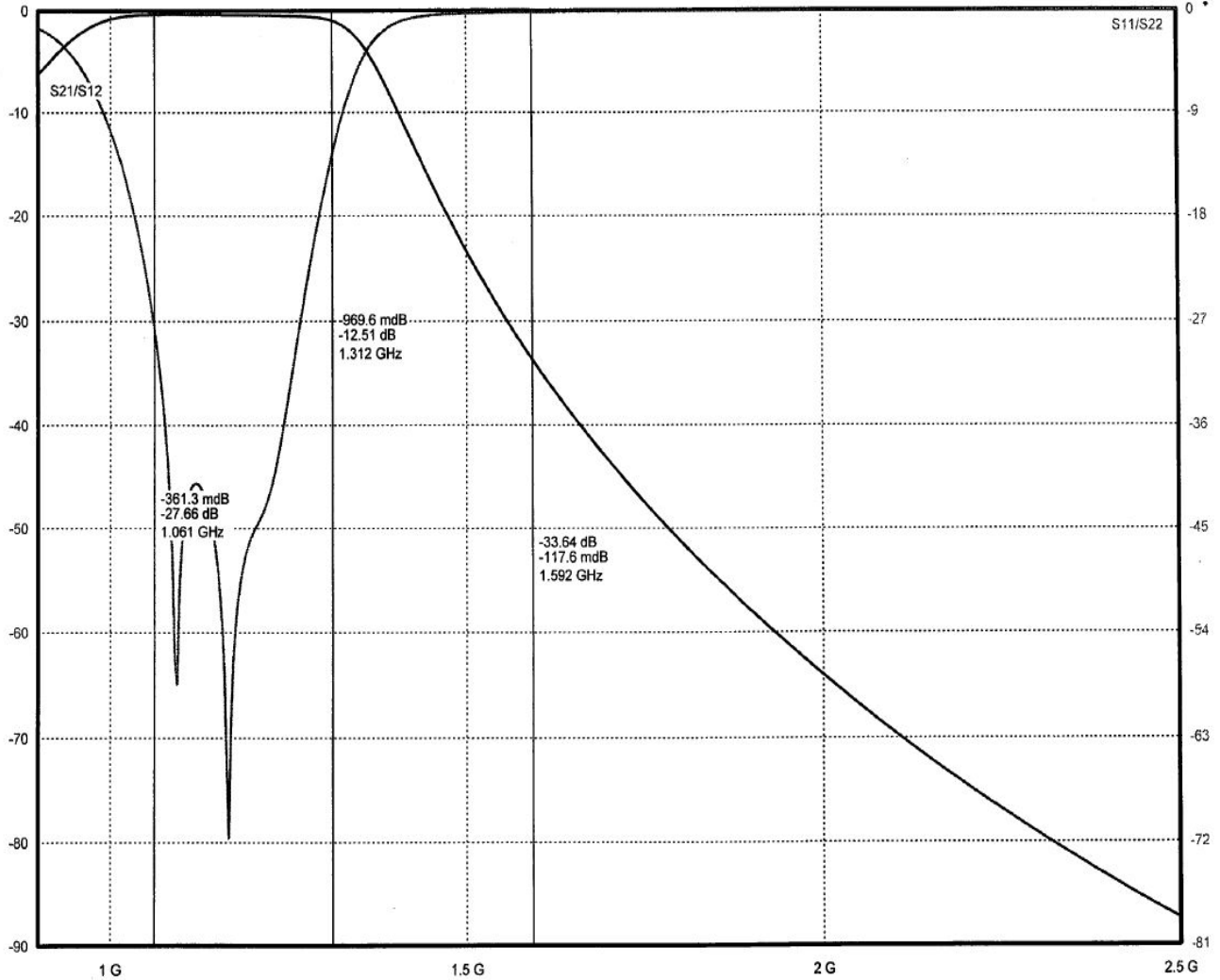
Outline Drawing:





Response Plot:

Lumped Filter S Parameters



4th Order Band Pass Chebyshev I

Frequency (Hz)

Thu Apr 15 09:02 2010