



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1250 MHz LC Bandpass Filter

Part Number: AE1250B10046



Electrical Specifications

Center Frequency: 1250 MHz
Bandwidth: 500 MHz
Passband : 1000 MHz to 1500 MHz
Insertion Loss: $\leq 1\text{dB}$ @ 1250 MHz
Return Loss: $>12\text{dB}$ @ 1000 MHz to 1500 MHz
Rejection: $>60\text{dB}$ @ 0-800 MHz
Rejection2: $>15\text{dB}$ @ 955 MHz
Rejection3: $>15\text{dB}$ @ 1545 MHz
Rejection4: $>50\text{dB}$ @ 1800 MHz to 5000 MHz
Impedance: 50 Ohms

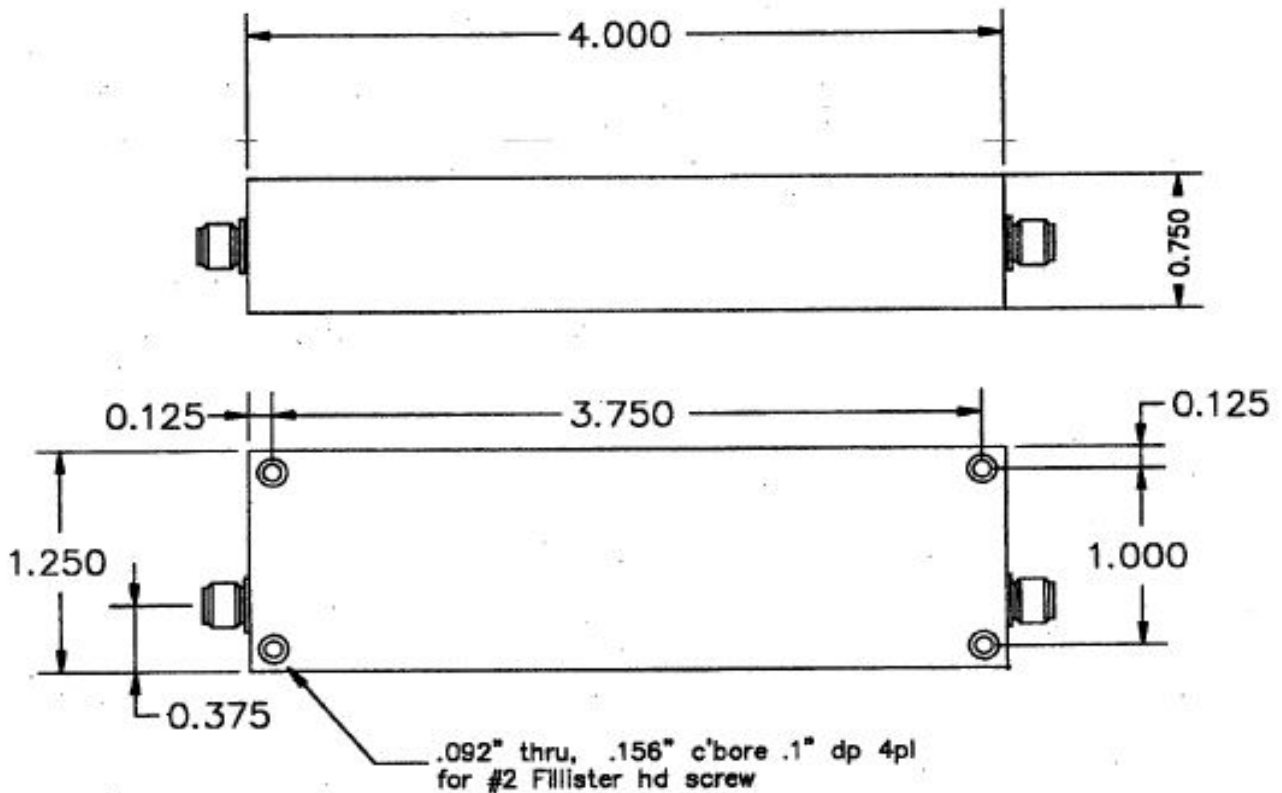
Mechanical

Mounting Method: Through Holes
Connector Type: SMA
Dimensions: 4.0" x 1.25" x 0.75" 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:

