



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

450 MHz LC Bandpass Filter

Part Number: AE450B10231



Electrical Specifications

Center Frequency: 450 MHz
Bandwidth: 300 MHz
Passband : 300 MHz to 600 MHz
Insertion Loss: $\leq 2.0\text{dB}$ @ 450 MHz
Return Loss: $>15\text{dB}$ @ 300 MHz to 600 MHz
Rejection: $>30\text{dB}$ @ 0-225 MHz
Rejection2: $>30\text{dB}$ @ 675 MHz to 4000 MHz
Impedance: 50 Ohms

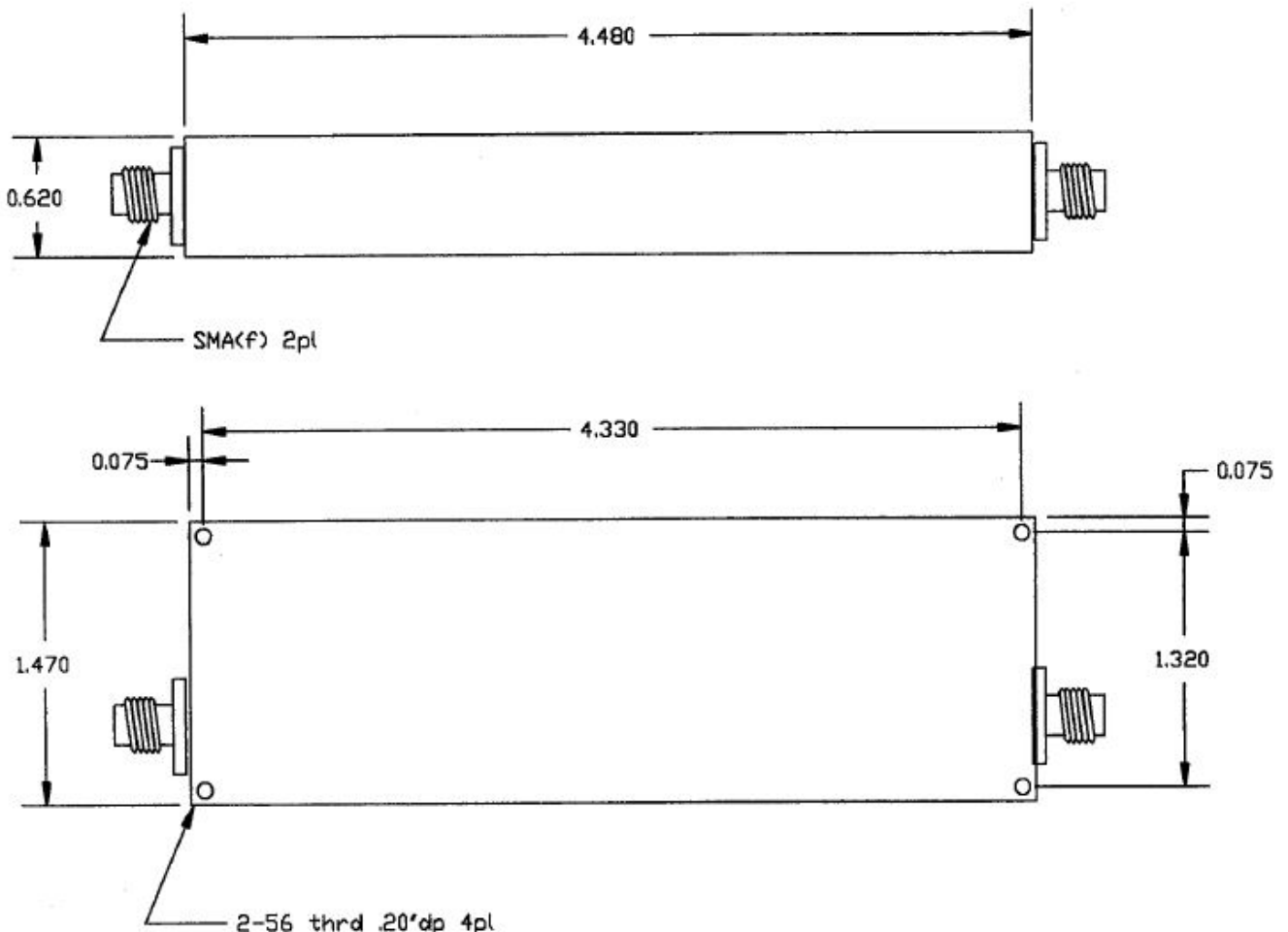
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA(F)
Dimensions: 4.480" x 1.470" x 0.620" 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:





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Response Plot:

