



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9800 MHz Cavity Bandpass Filter

Part Number: AE9800B10626



Electrical Specifications

Center Frequency: 9800 MHz
Passband : 9000 MHz to 10600 MHz
Insertion Loss: $\leq 1.7\text{dB}$ @9900 to 10100 MHz
Return Loss: ≥ 14 dB
Rejection: $>20\text{dB}$ @8900 MHz
Rejection2: $>40\text{dB}$ @8800 MHz
Rejection3: $>20\text{dB}$ @10700 MHz
Rejection4: $>40\text{dB}$ @10800 MHz
Impedance: 50 Ohms

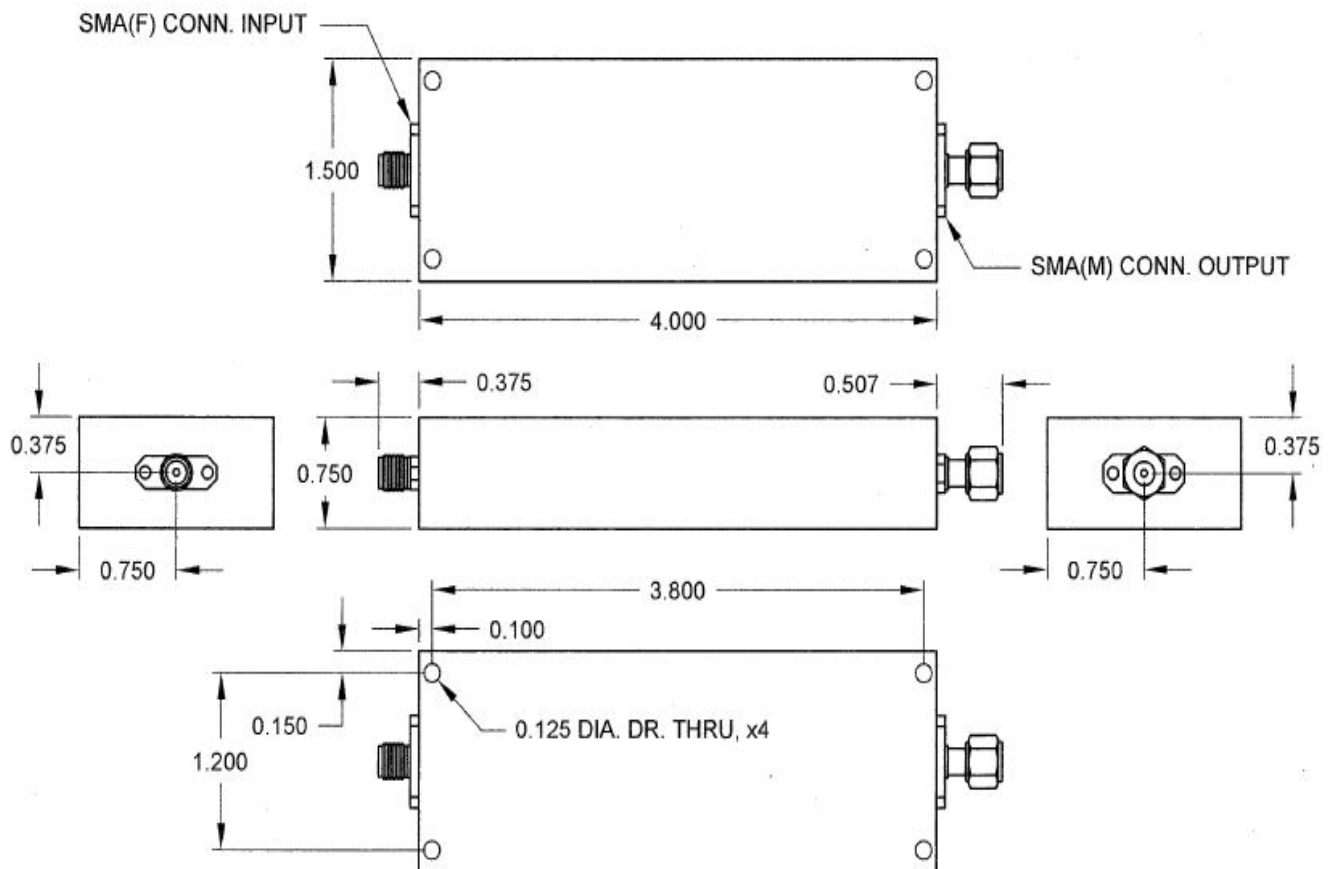
Mechanical

Mounting Method: Through Holes
Connector Type: SMA(Male) & SMA(Female)
Dimensions: 4.0" X 1.5" x 0.750" in.

Environmental

Operating Temperature: -25°C to $+70^{\circ}\text{C}$
Storage Temperature: -40°C to $+90^{\circ}\text{C}$
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200Hz

Outline Drawing:





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Response Plot:

