



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

20-26 GHz Cavity Band Pass Filter

Part Number: AE23000B11559



Electrical Specifications

Center Frequency: 23 GHz
Passband: 20-26 GHz
Passband Insertion Loss: $\leq 1.0\text{dB}$
Passband VSWR: $\leq 1.7:1$
Stop Band Attenuation:
 $\geq 55\text{dB @ } 13\text{GHz}$
 $\geq 55\text{dB @ } 30\text{GHz}$
Impedance: 50 Ohms
Power: $\leq 2\text{W}$

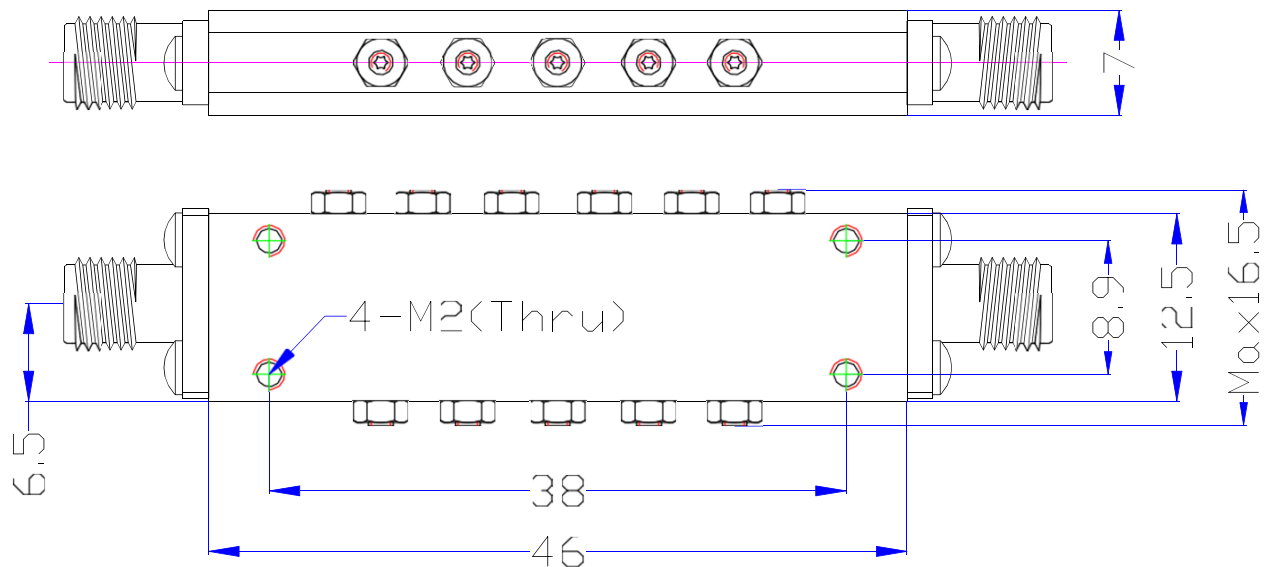
Mechanical

Mounting Method: Thru Holes
Connector Type: SMA (F)
Dimensions: 1.81" X 0.492" x 0.275" in.

Environmental

Operating Temperature: -45°C to $+85^{\circ}\text{C}$
Storage Temperature: -55°C to $+100^{\circ}\text{C}$
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:





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Simulated Response Plot:

