



# 20-26 GHz Cavity Band Pass Filter

Part Number: AE23000B11559



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## 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:**  $\leq 2\text{W}$

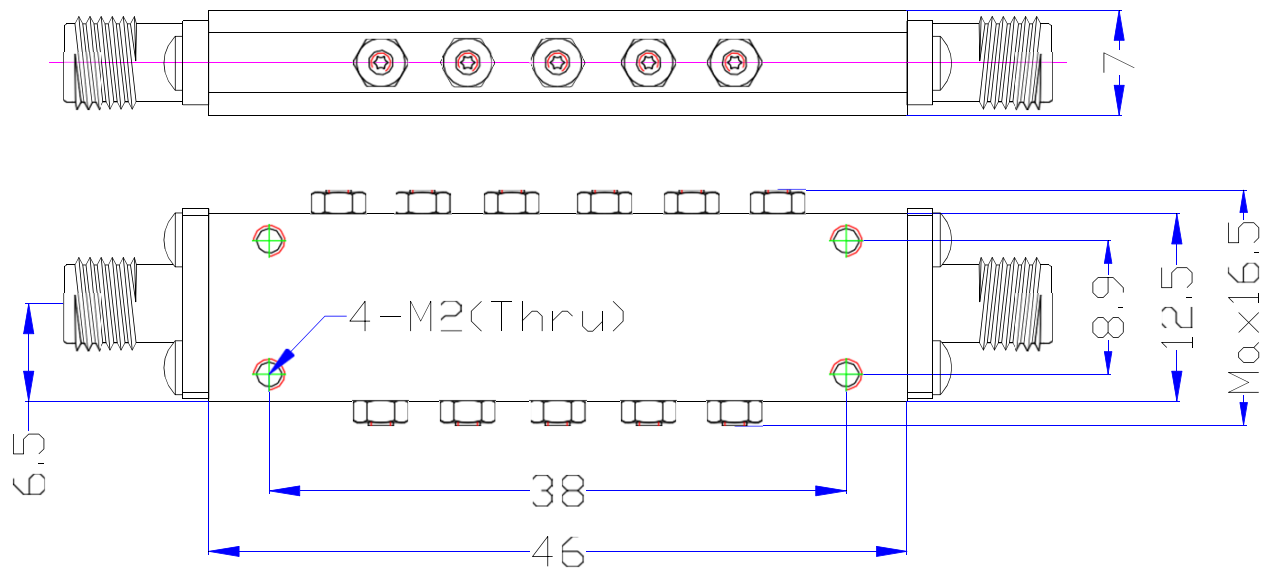
## Mechanical

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

## Environmental

**Operating Temperature:**  $-45^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$   
**Storage Temperature:**  $-55^{\circ}\text{C}$  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:

