



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

# 4800 MHz Cavity Band Pass Filter

**Part Number: AE4800B11587**



## Electrical Specifications

**Center Frequency:** 4800 MHz  
**Passband:** 4000-5600 MHz  
**Insertion Loss:** 1.5 dB Max.  
**Return Loss:** 14 dB Min.  
**Rejection1:** ≥ 30 dB @ DC-3500 MHz  
**Rejection2:** ≥ 30 dB @ 6500-9000 MHz  
**Power Handling:** 2 Watts Max.  
**Impedance:** 50 Ohms

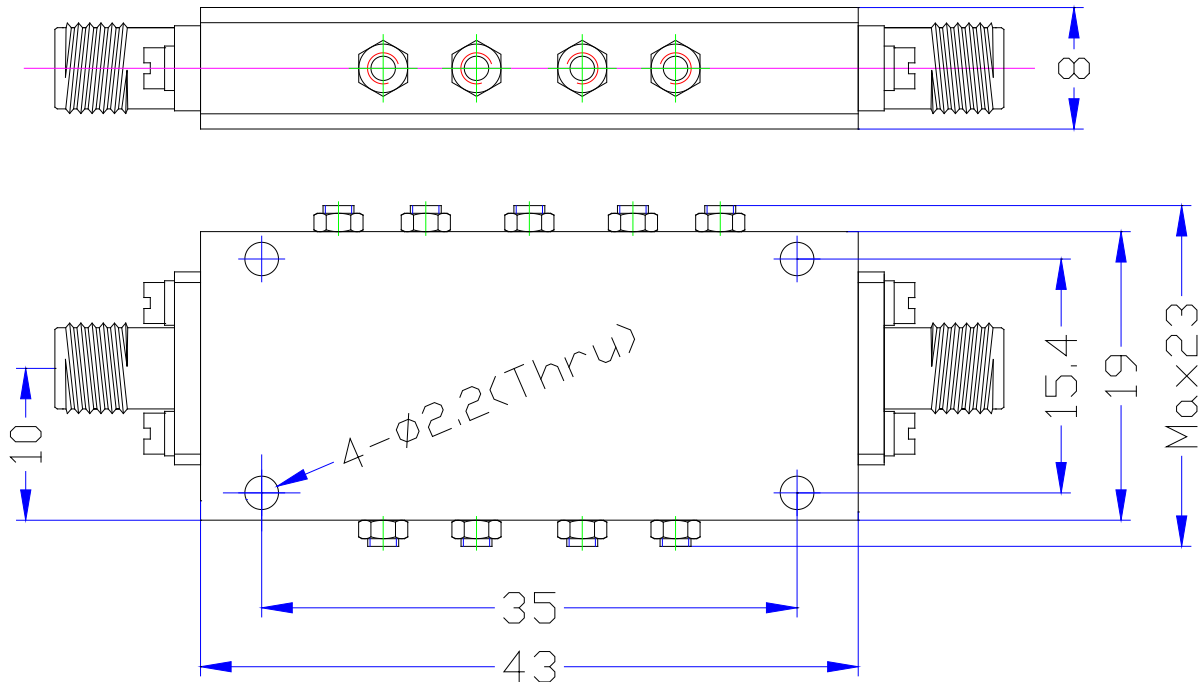
## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 43 X 19 x 8 mm

## Environmental

**Operating Temperature:** -30°C to +70°C  
**Storage Temperature:** -40°C to +80°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200Hz

## Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

\*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

**70 Outwater Lane Phone: (973) 772-4242**  
**Garfield, NJ 07026 Fax : (973) 321-3941**

**Email: [sales@anatechelectronics.com](mailto:sales@anatechelectronics.com)**  
**Web: [www.anatechelectronics.com](http://www.anatechelectronics.com)**