



# 2287 MHz Cavity Band Pass Filter



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

**Part Number: AE2287B11702**

## Electrical Specifications

**Center Frequency:** 2287 MHz  
**Bandwidth:** 15 MHz  
**Passband Frequency (PB):** 2279.5-2294.5 MHz  
**Insertion Loss in PB:** 1.0 dB Max  
**Return Loss in PB:** 18 dB Min.  
**Rejection1:** 50 dB Min. @ 2250 MHz  
**Rejection2:** 50 dB Min. @ 2320-4000 MHz  
**Power Handling:** 10 W Max.  
**Input / output Impedance:** 50 Ohms

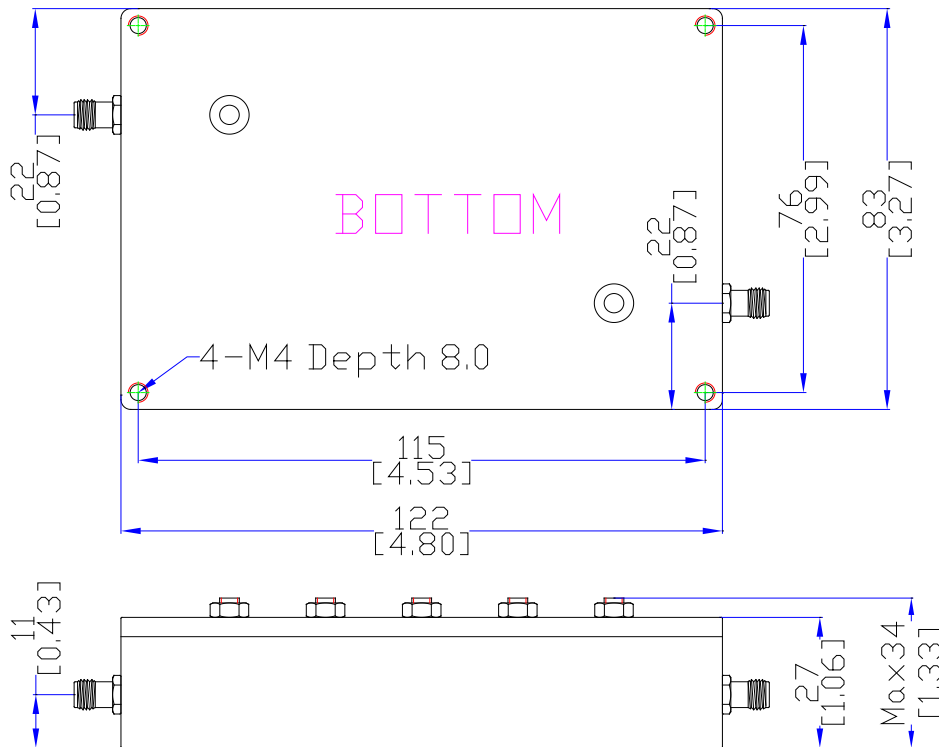
## Mechanical

**Mounting Method:** Threaded Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 4.8 x 3.27 x 1.33 in.  
**Dimensions :** 122 x 83 x 34 mm.

## Environmental

**Operating Temperature:** -20°C to +60°C  
**Storage Temperature:** -35°C to +75 °C  
**Shock:** 20G. 11ms  
**Vibration:** 20G 0.5 to 200 Hz

## 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.