



# 9450 MHz Cavity Bandpass Filter

Part Number: AE9450B11733



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

## Electrical specifications

**Center Frequency:** 9450 MHz  
**Bandwidth:** 300 MHz Min  
**Insertion Loss:** 2.0 dB Max  
**Return Loss:** 14 dB Min  
**Rejection1:** 35 dB min @ 9100 MHz  
**Rejection2:** 35 dB min @ 9800 MHz  
**Input/Output Impedance:** 50  $\Omega$   
**Power Handling:** 25W

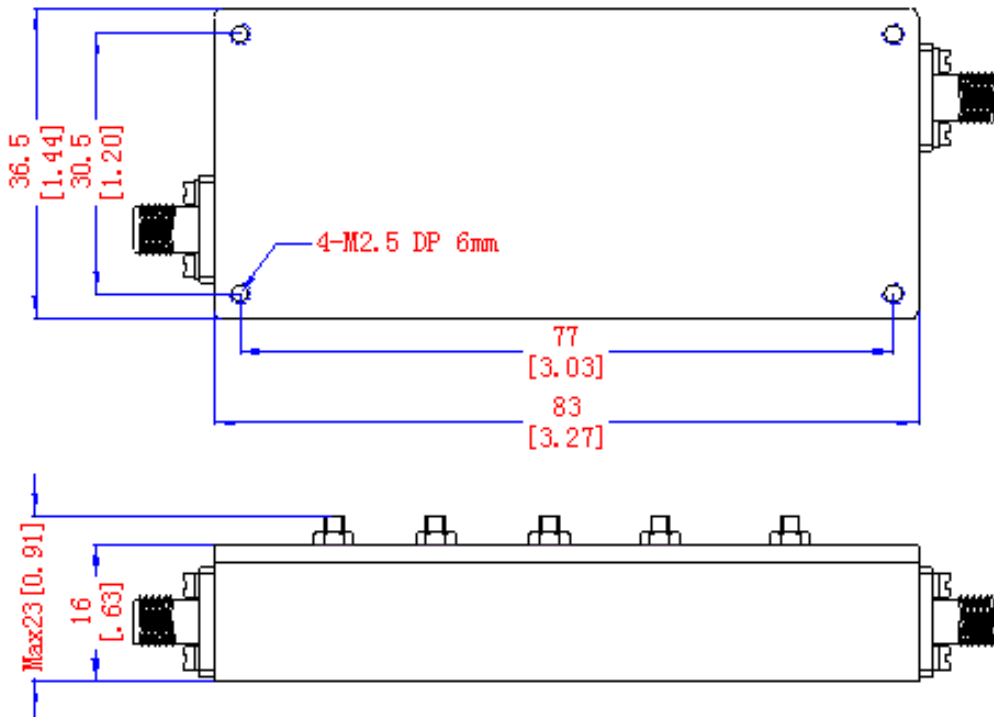
## Mechanical

**Mounting Method:** Threaded Holes  
**Connector Type:** SMA Female  
**Dimensions:** 3.27 x 1.44 x 0.91 in

## Environmental

**Operating Temperature:** -20 to +70° C  
**Storage Temperature:** -55 to +95° C  
**Shock:** 20G. 11ms half sine wave, 3 axis  
**Vibration:** 20 G. 5 to 200 MHz

## 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.