



# 4190 MHz Cavity Bandpass Filter

Part Number: AE4190B11474



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

## Electrical specifications

**Center Frequency:** 4190 MHz  
**3dB Bandwidth:** 15 MHz +/- 2 MHz  
**Insertion Loss @ Fc:** 3.5 dB Max  
**Return Loss:** 15 dB Min  
**Rejection:** 20 dB min @ Fc +/- 20 MHz  
**Power Handling:** 20W  
**Impedance:** 50 Ω

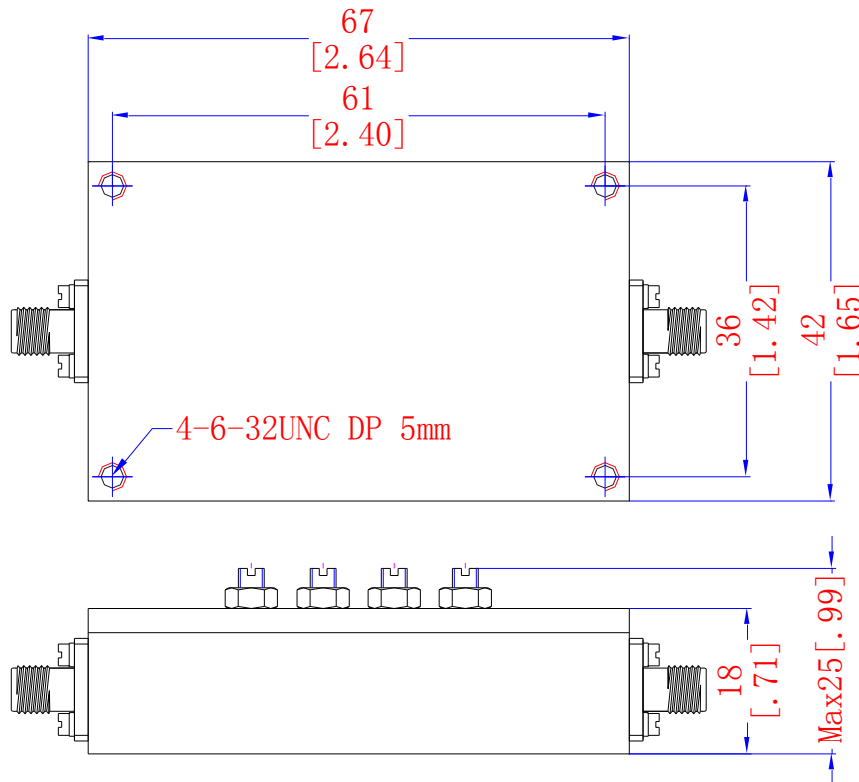
## Mechanical

**Mounting Method:** 6-32 Threaded Holes  
**Connector Type:** SMA Female  
**Dimensions:** 2.64 x 1.65 x 0.99 in

## Environmental

**Operating Temperature:** -20° C to +70° C  
**Storage Temperature:** -55° C to +85° C  
**Shock:** 20G for 11ms half sine wave, 3 axis both directions  
**Vibration:** 20 G. 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.