



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

# 420 MHz Cavity Band Pass Filter

**Part Number: AE420B11630**



## Electrical Specifications

**Center Frequency:** 420 MHz  
**Bandwidth:** 20 MHz  
**Passband:** 410-430 MHz  
**Insertion Loss:** 1.0 dB Max.  
**Return Loss :** 15 dB Min.  
**Rejection1:** ≥ 60dB @ 450-465 MHz  
**Impedance:** 50 Ohms In/Out  
**Power Handling:** 20W

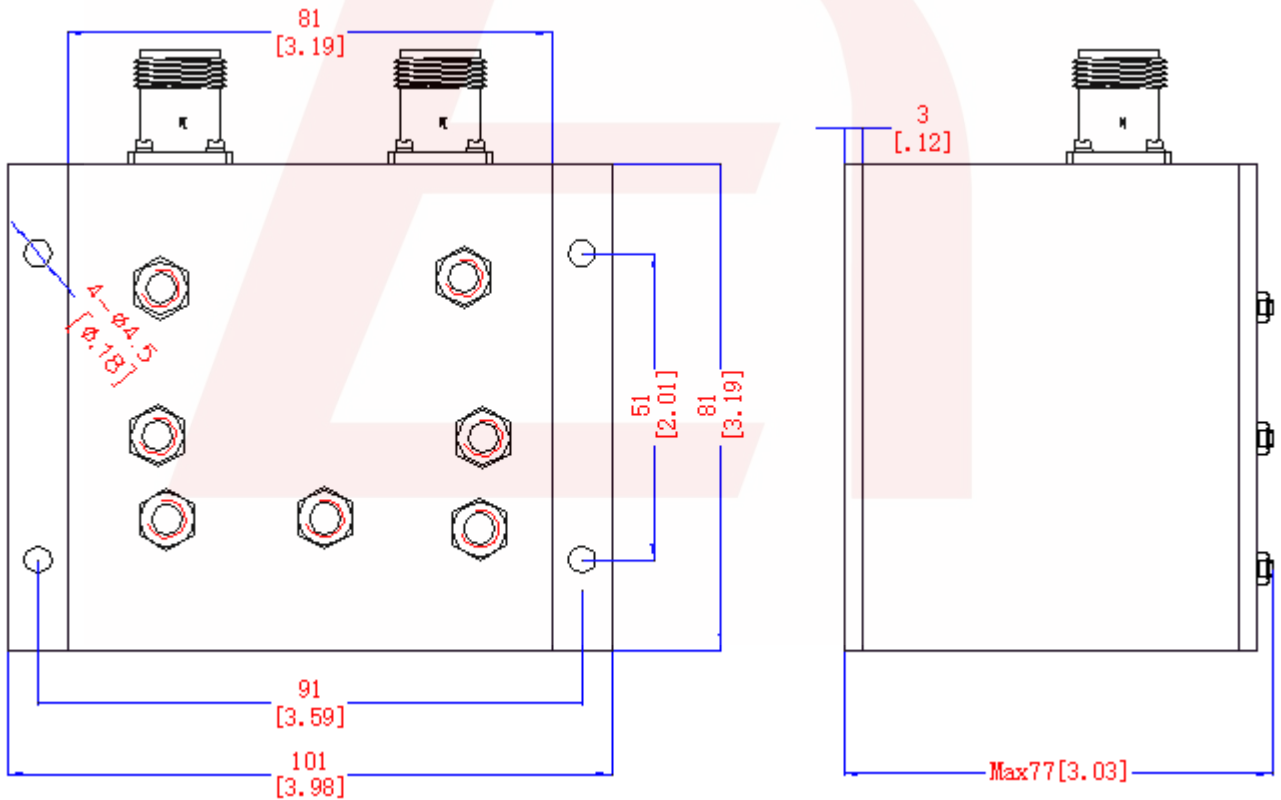
## Mechanical

**Mounting Method:** Through Holes with Bracket  
**Connector Type:** N-type(F)  
**Dimensions:** 3.98" x 3.19" x 3.03"

## Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -75°C to +90°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200Hz

## Outline Drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]  
 3 decimal places: +/- 0.005 inches [+/- 0.13mm]  
 Angles: +/- 1 Deg.

DS-B11630-05162019-Rev0

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

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