



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

# 3550 MHz Cavity Band Pass Filter

**Part Number: AE3550B11675**



## Electrical Specifications

**Center Frequency:** 3550 MHz  
**Passband:** 3300-3800 MHz  
**Bandwidth:** 500 MHz  
**Insertion Loss :** 1.3 dB Max.  
**VSWR :** 1.5:1 Max.  
**Rejection1:** 20dB Min @ 3260 MHz  
**Rejection2:** 20dB Min @ 3830 MHz  
**Power Handling:** 100 Watts Max.  
**Impedance :** 50 Ohms

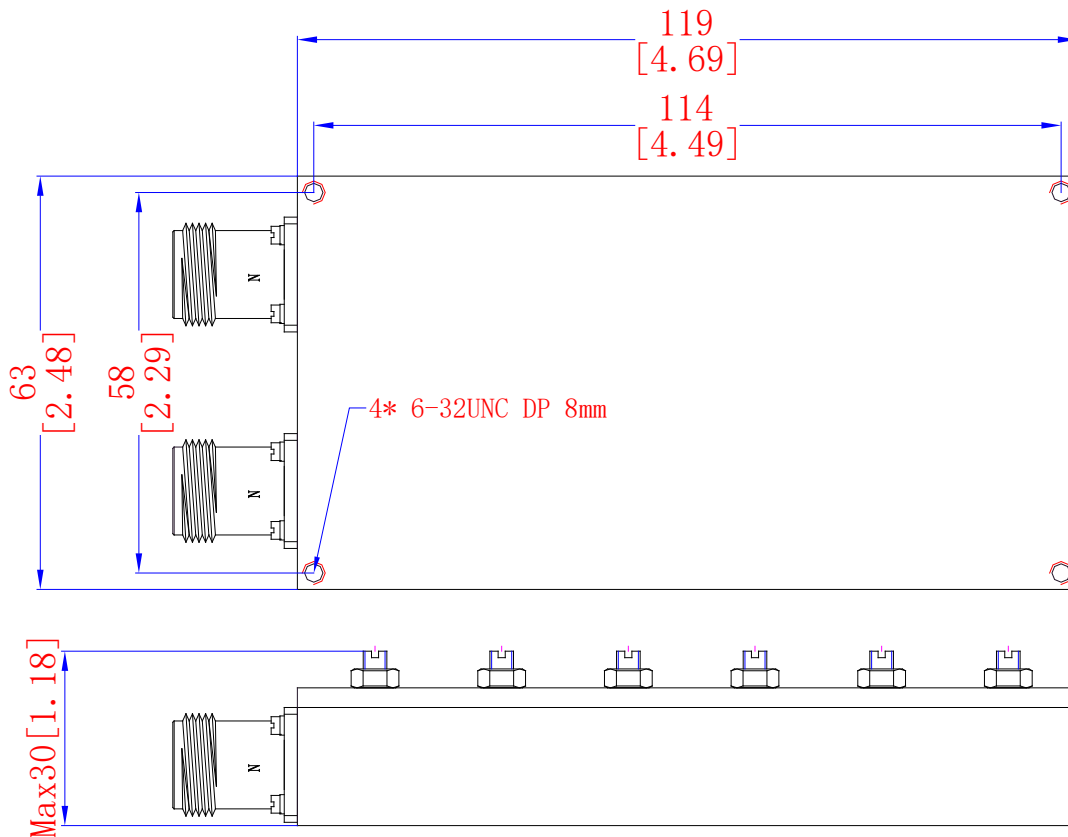
## Mechanical

**Mounting Method:** Threaded Holes  
**Connector Type:** N-Type(F)  
**Dimensions:** 4.69" X 2.48" x 1.18"  
**Dimensions in mm:** 119 X 63 X 30 .

## Environmental

**Operating Temperature:** -55°C to +85°C  
**Storage Temperature:** -55°C to +85°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.

*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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