



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

# 864.5 MHz Cavity Band Pass Filter

**Part Number: AE864B11706**



## Electrical Specifications

**Center Frequency:** 864.5 MHz  
**Passband:** 862-867 MHz  
**Insertion Loss:** 3.0 dB Max.  
**Ripple:** 1.2dB Max.  
**Return Loss:** 18dB Min.  
**Rejection1:** 60dB Min @ 857 MHz  
**Rejection2:** 40dB Min @ 869 MHz  
**Rejection2:** 60dB Min @ 872 MHz  
**Power Handling:** 10 W Max.

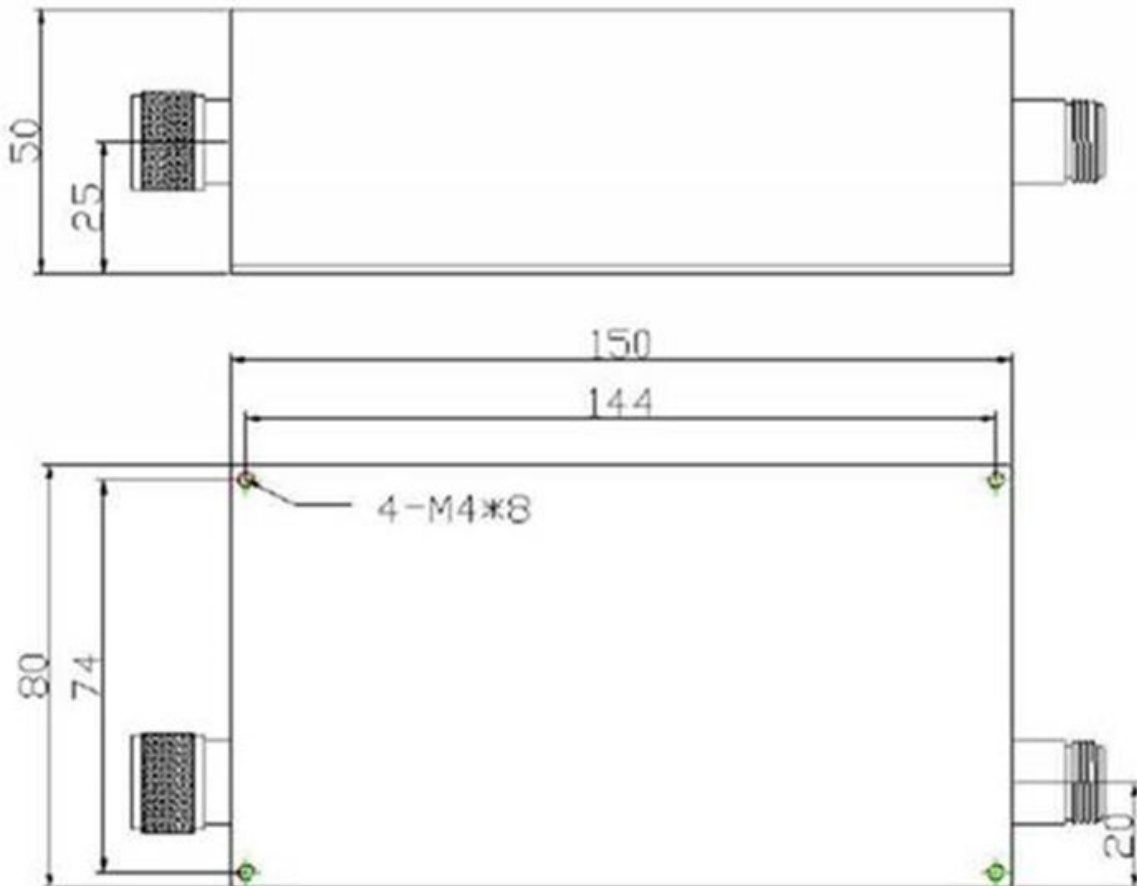
## Mechanical

**Mounting Method:** Threaded Holes  
**Connector Type:** N-Type (M) & N-Type(F)  
**Dimensions:** 150 X 80 x 50

## Environmental

**Operating Temperature:** -30°C to +70°C  
**Storage Temperature:** -50°C to +90°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200Hz  
**Waterproof:** IP66

## 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.

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