



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

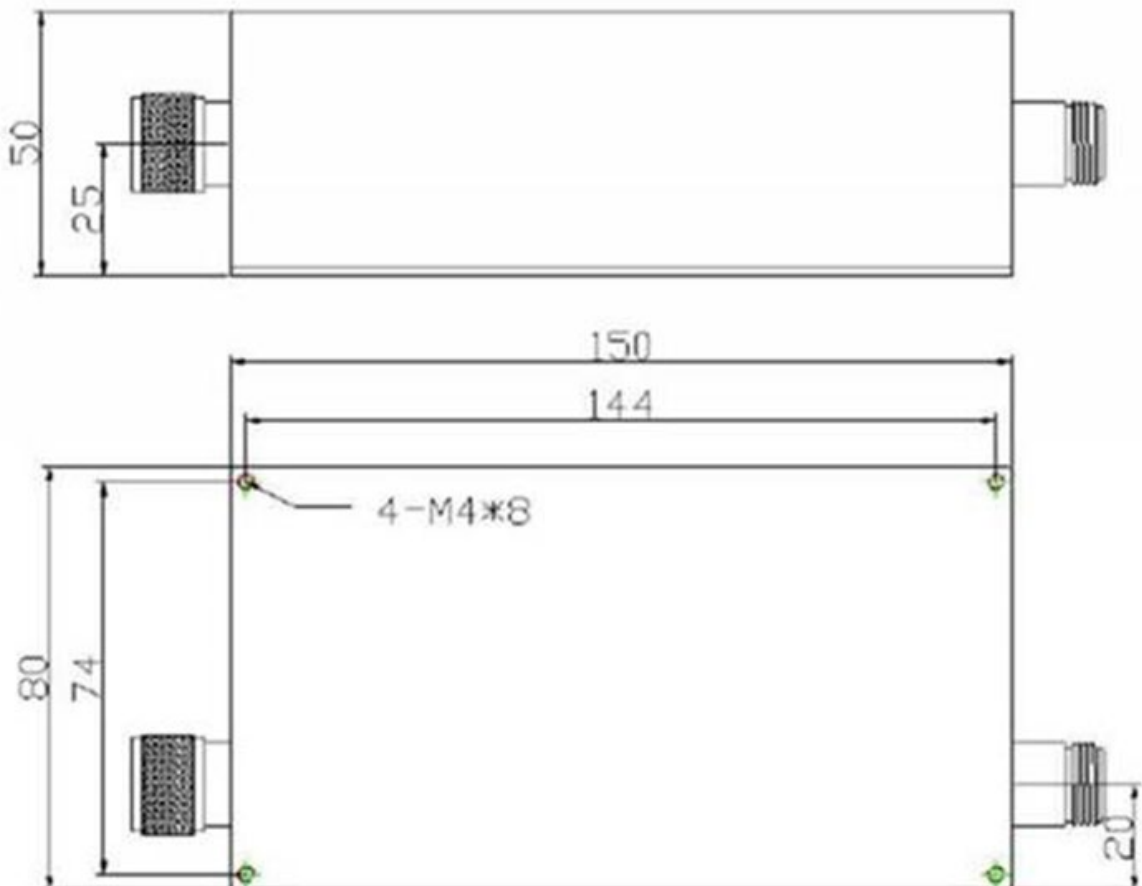
Storage Temperature: -50°C to +90°C

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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