



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2437 MHz WiFi Cavity Bandpass Filter

Part Number: WiFi2437-6



Electrical specifications

Center Frequency: 2437 MHz

Bandwidth: 22 MHz

Input / Output Impedance: 50 Ohms

Passband: 2426-2448 MHz

Passband Insertion Loss: 3 dB max (2dB typical)

Passband Ripple: 1.2 dB max

Passband Return Loss: 15 dB min (18dB typical)

Rejection: 60 dB min @ $F_o \pm 25$ MHz

Rejection 2: 90 dBc min @ $2 \cdot F_o \pm 22$ MHz

Power Handling: 50 W

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type: N-Type (F)

Dimensions: 108mm x 101mm x 26mm

Environmental

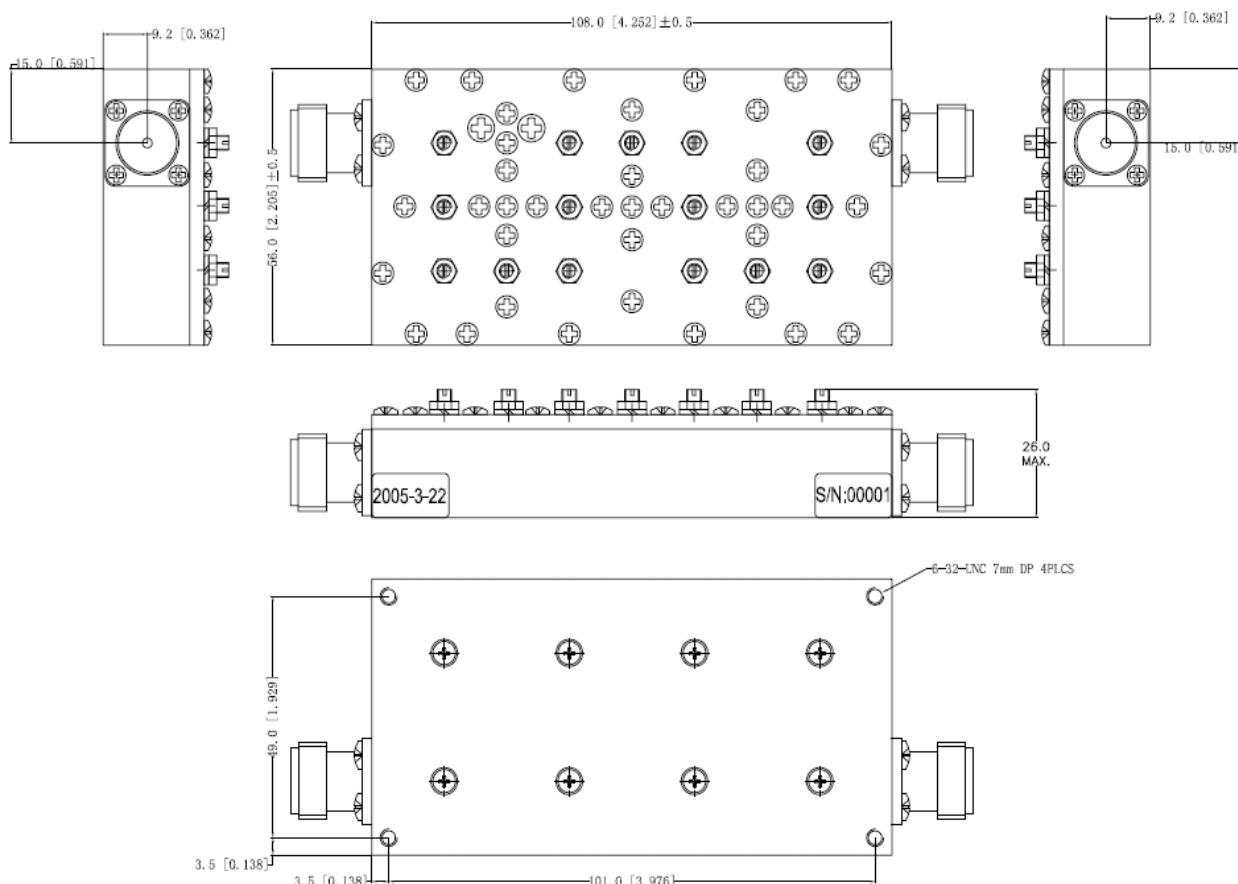
Operating Temperature: -40 to +85 deg.C

Storage Temperature: -55 to +95 deg.C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





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Response Plot:

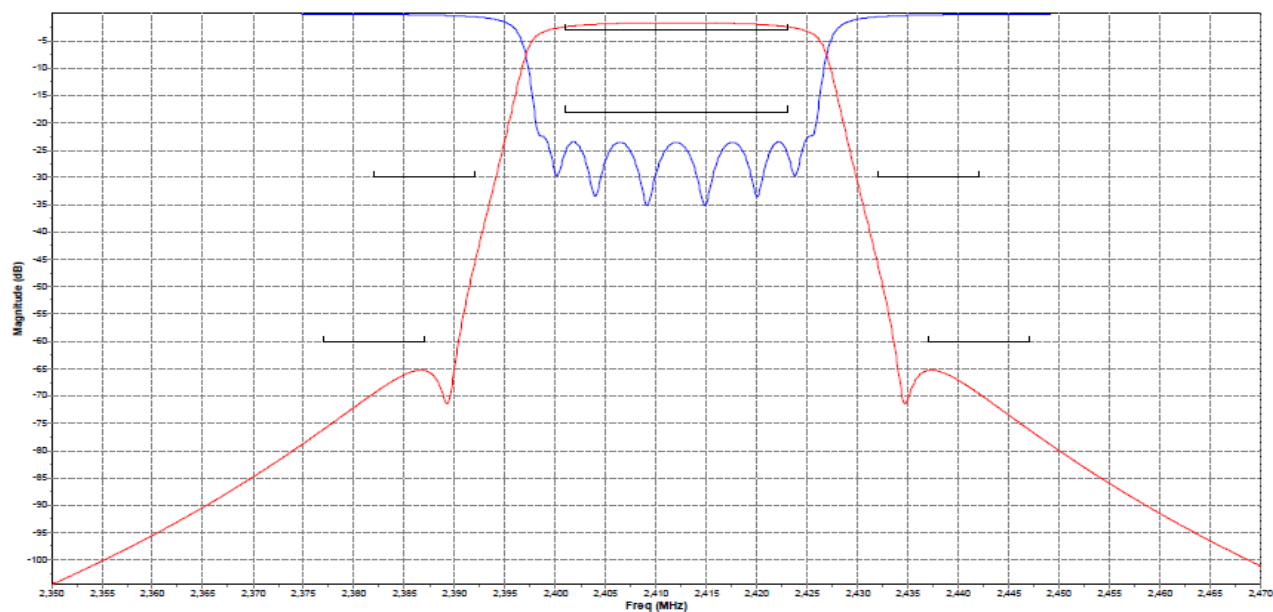


Fig.1 Return Loss and Rejection

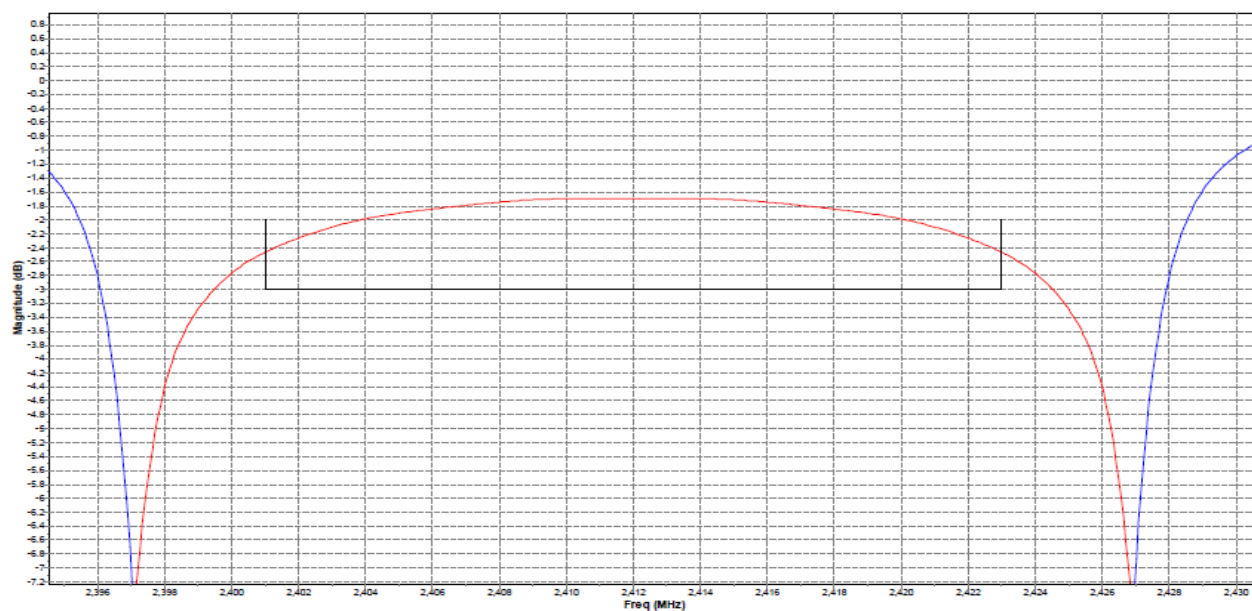


Fig.2 Insertion Loss and Ripple