



2427 MHz WiFi Cavity Bandpass Filter

Part Number: WiFi2427-4



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical specifications

Center Frequency: 2427 MHz
1dB Bandwidth: 22 MHz
Insertion loss: 3 dB max (2 dB typ)
Return loss: 15 dB min (18 dB typ)
Ripple: 1.2 dB max
Rejection 1: 60 dB min@Fo+/-25 MHz
Rejection 2: 90 dBc min@2*Fo+/-22 MHz
Power handling: 50 Watts

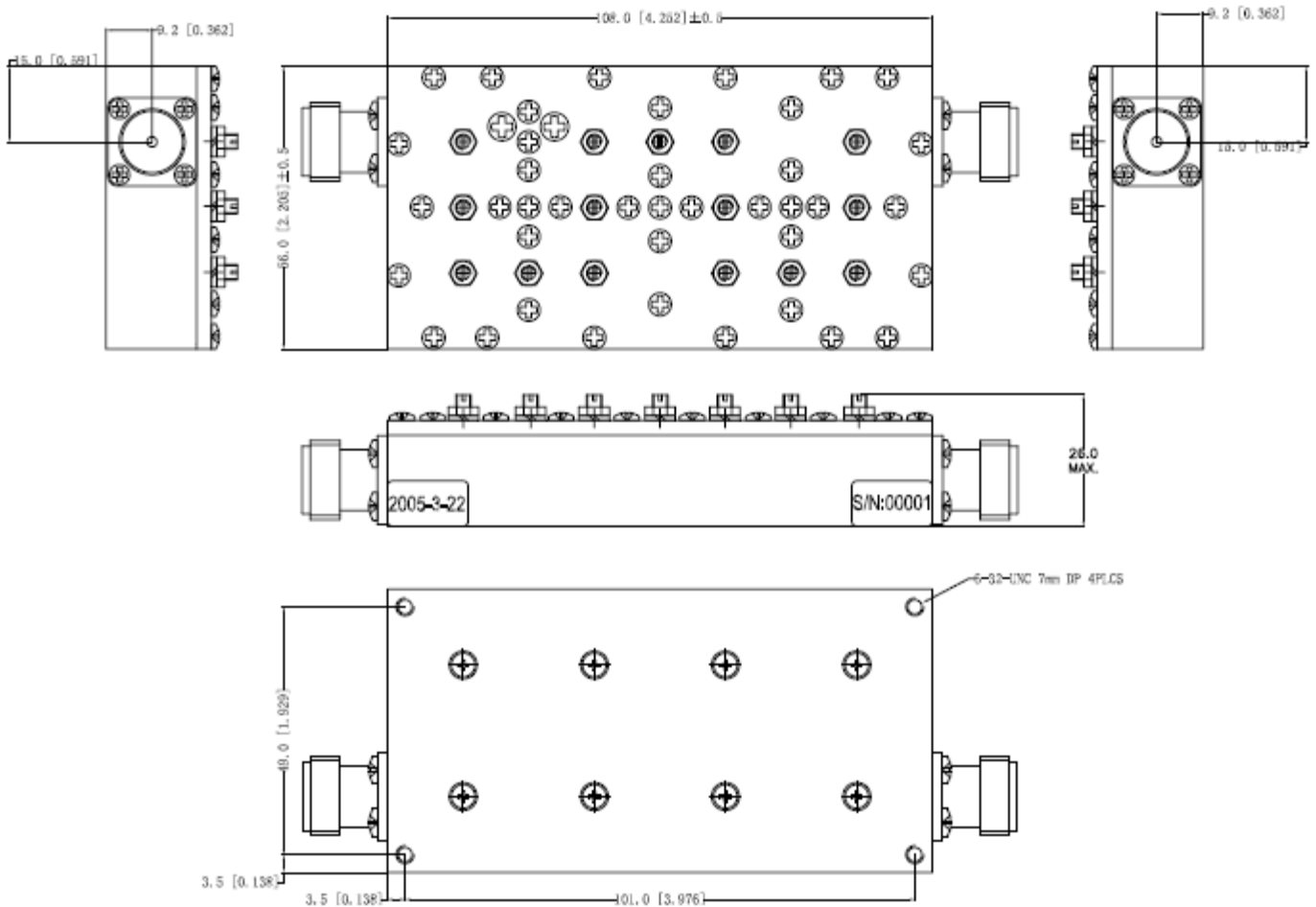
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: N-Type Female
Dimensions: 4.25" x 2.20" x 1.02" in

Environmental

Operating Temperature: -45 to +85° C
Storage Temperature: -55 to +95° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





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Plots:

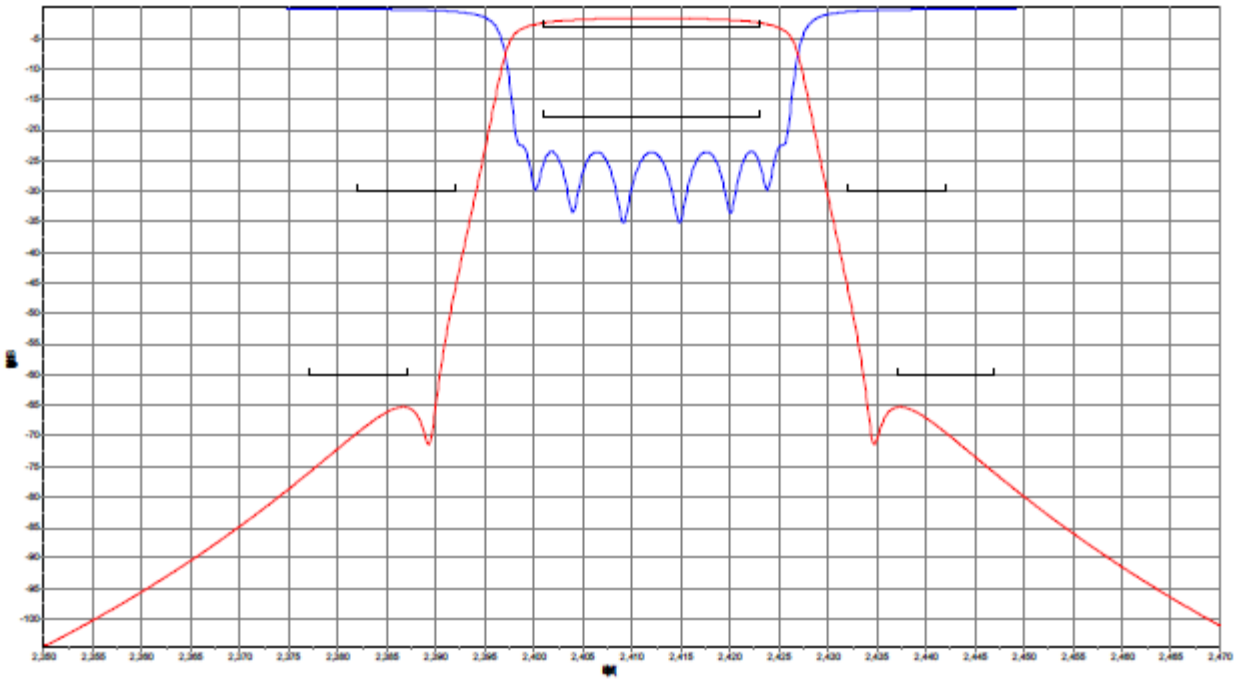


Fig.1 Return Loss and Rejection

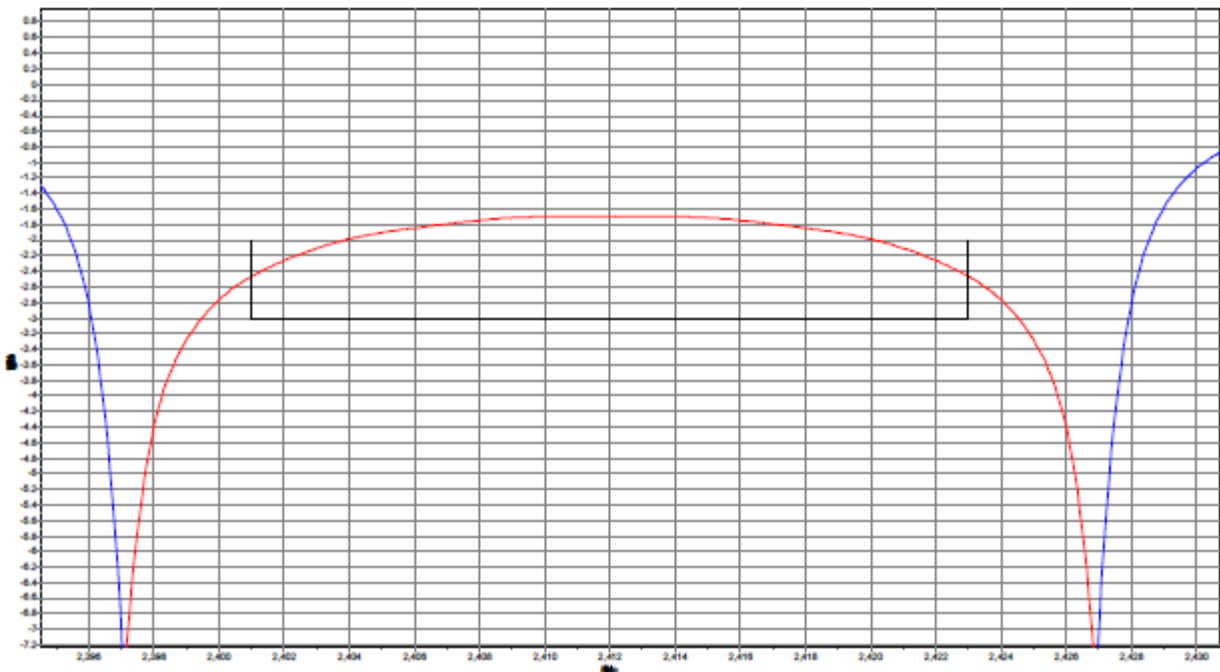


Fig.2 Insertion Loss and Ripple