



2447 MHz WiFi Cavity Bandpass Filter

Part Number: WiFi2447-8



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical specifications

- Center Frequency:** 2442 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 dB min@2*Fo+/-22 MHz
- Power Handling:** 50 Watts

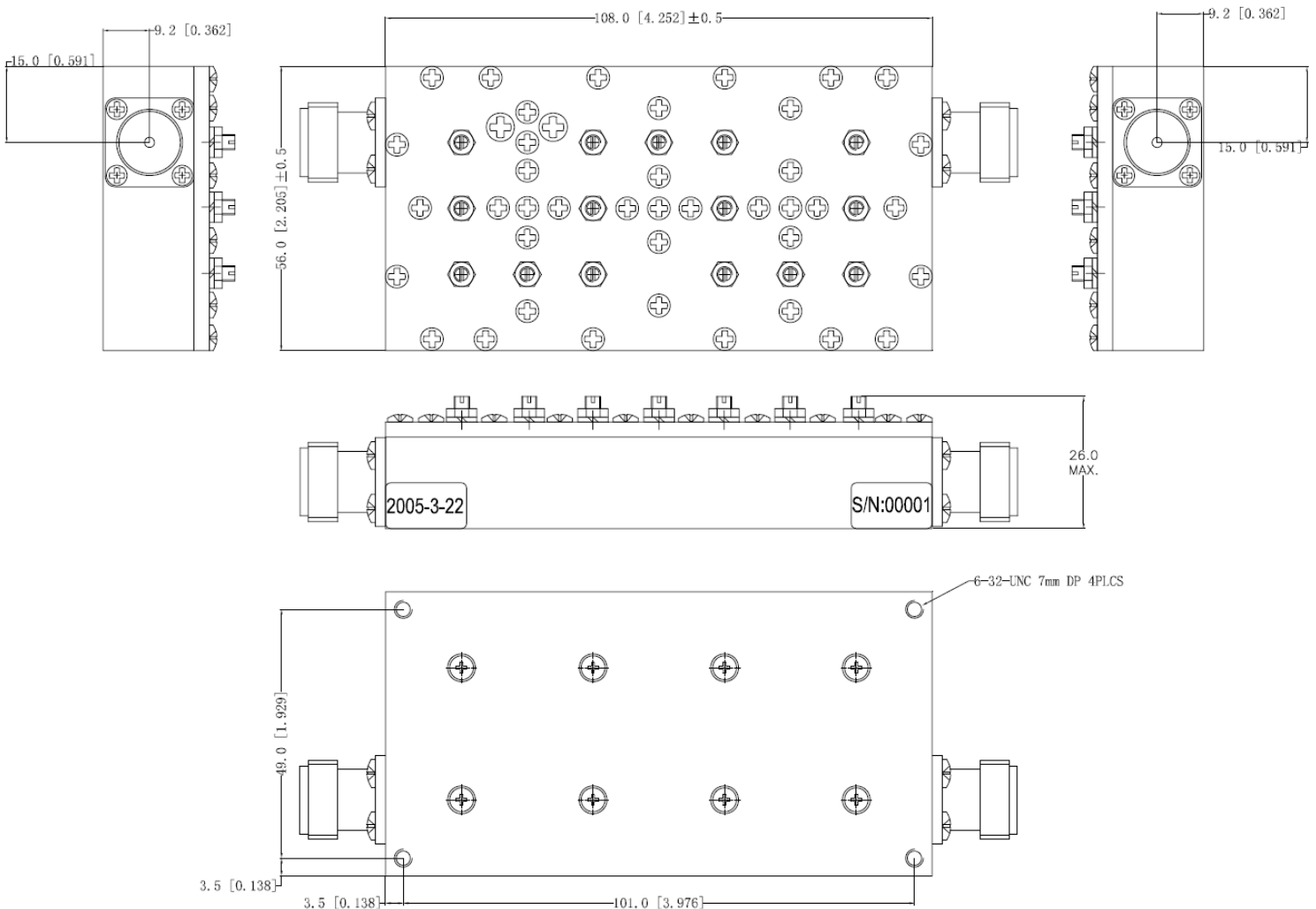
Mechanical

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

Environmental

- Operating Temperature:** -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:





Response Plot:

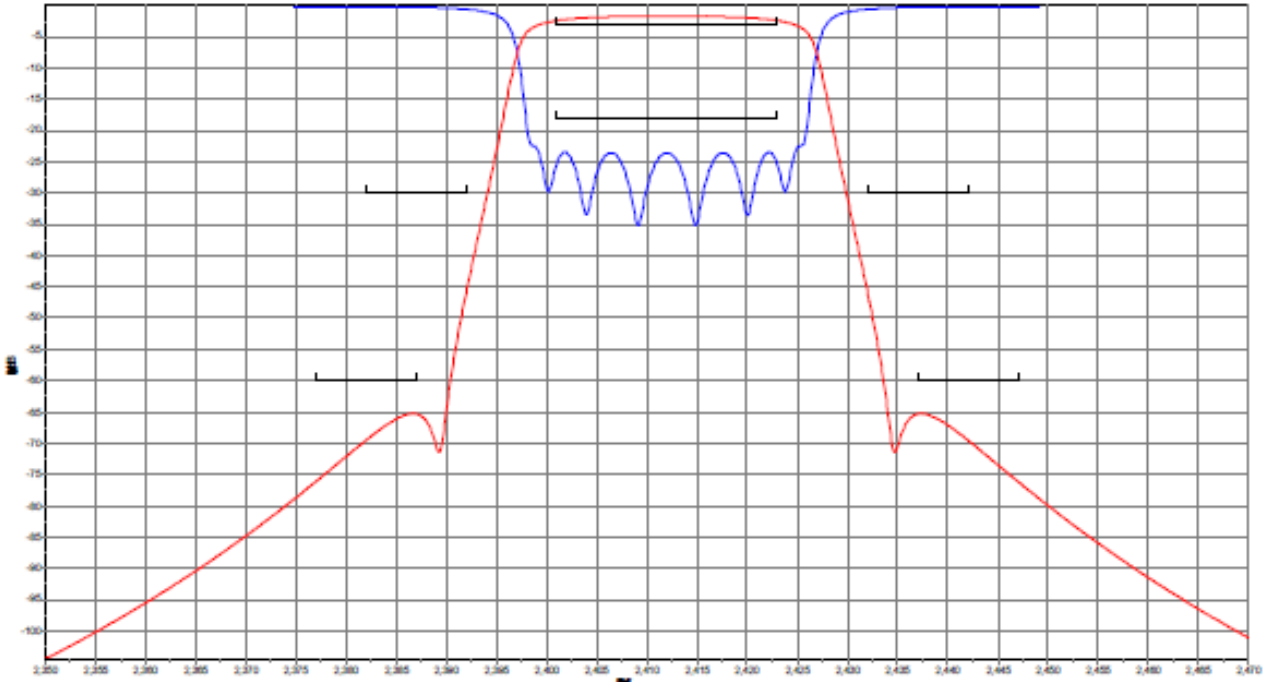


Fig.1 Return Loss and Rejection

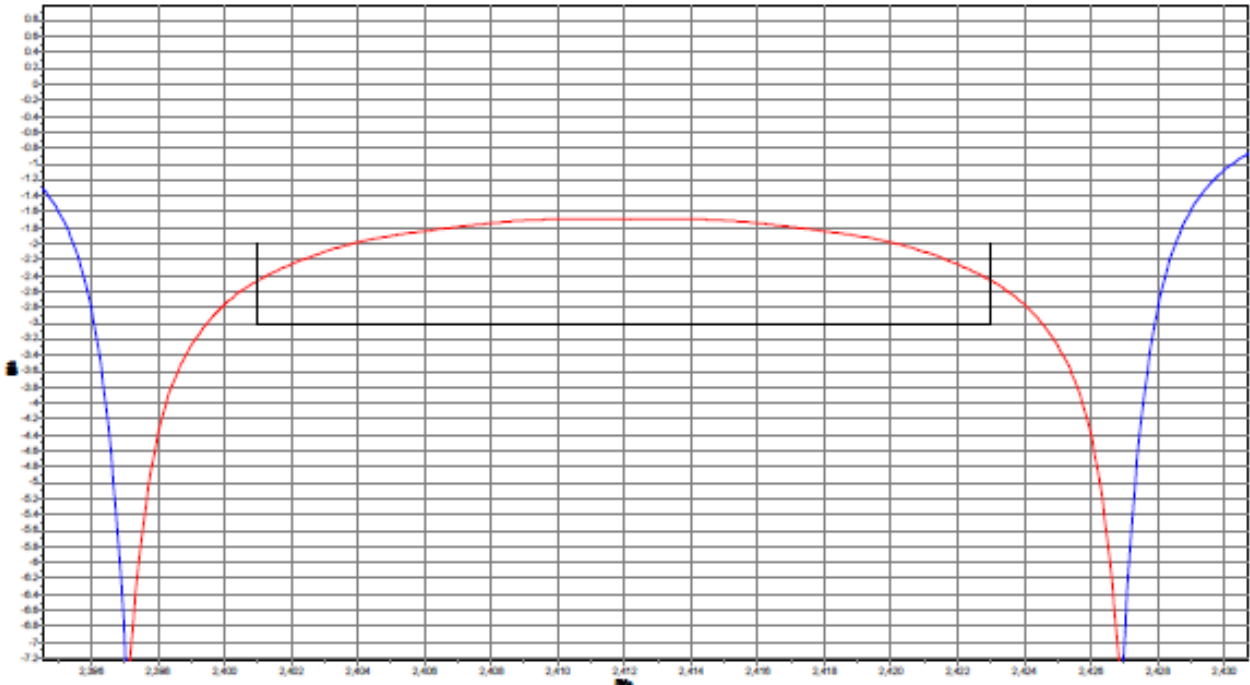


Fig.2 Insertion Loss and Ripple