



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5900 MHz WIFI Cavity Filter

Part Number: AB5900B776



Electrical specifications

Center Frequency: 5900 MHz

Bandwidth: 10 MHz

Input / Output Impedance: 50 Ohms

Passband: 5895-5905 MHz

Passband Insertion Loss: 1.75 dB @ 5895-5905 MHz

Passband Ripple: <0.2 dB

Passband Return Loss: >14 dB

Rejection: DC-(CF-20)MHz, 40 dBc

Rejection 2: (CF+20)MHz -6200 MHz, 40 dBc

Power Handling: 50 W

Group Delay Variation: 200 ns over any 0.5 MHz

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type: N-Type (F)

Dimensions: 5.40" x 3.86" x 1.26" max
(137mm x 98mm x 32mm)

Environmental

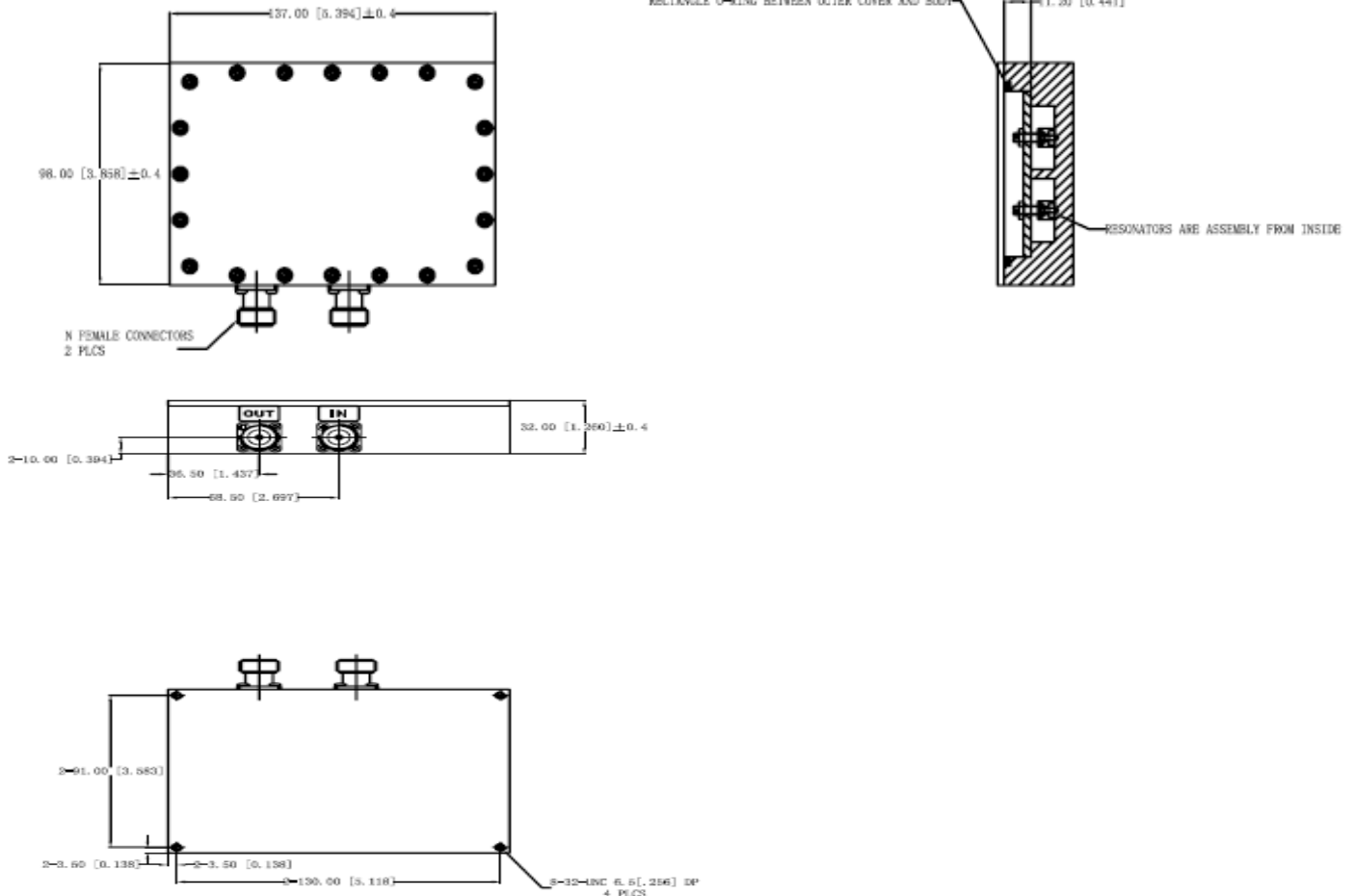
Operating Temperature: -30 to +60 deg.C

Storage Temperature: -55 to +95 deg.C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5900 MHz WIFI Cavity Filter

Part Number: AB5900B776



Response Plot:

