



Electrical specifications

Center Frequency: 5835 MHz
Bandwidth: 20 MHz
Input / Output Impedance: 50 Ohms
Passband: 5825-5845 MHz
Passband Insertion Loss: 1.75 dB
IL Variation: 0.75 dB
Passband Ripple: <0.2 dB
Passband Return Loss: >14 dB
Rejection: DC-(CF-20)MHz, 20 dBc min
Rejection 2: (CF+20)MHz -6200 MHz, 20 dBc
Power Handling: 25 W
Group Delay Variation: 4ns over any 0.5 MHz

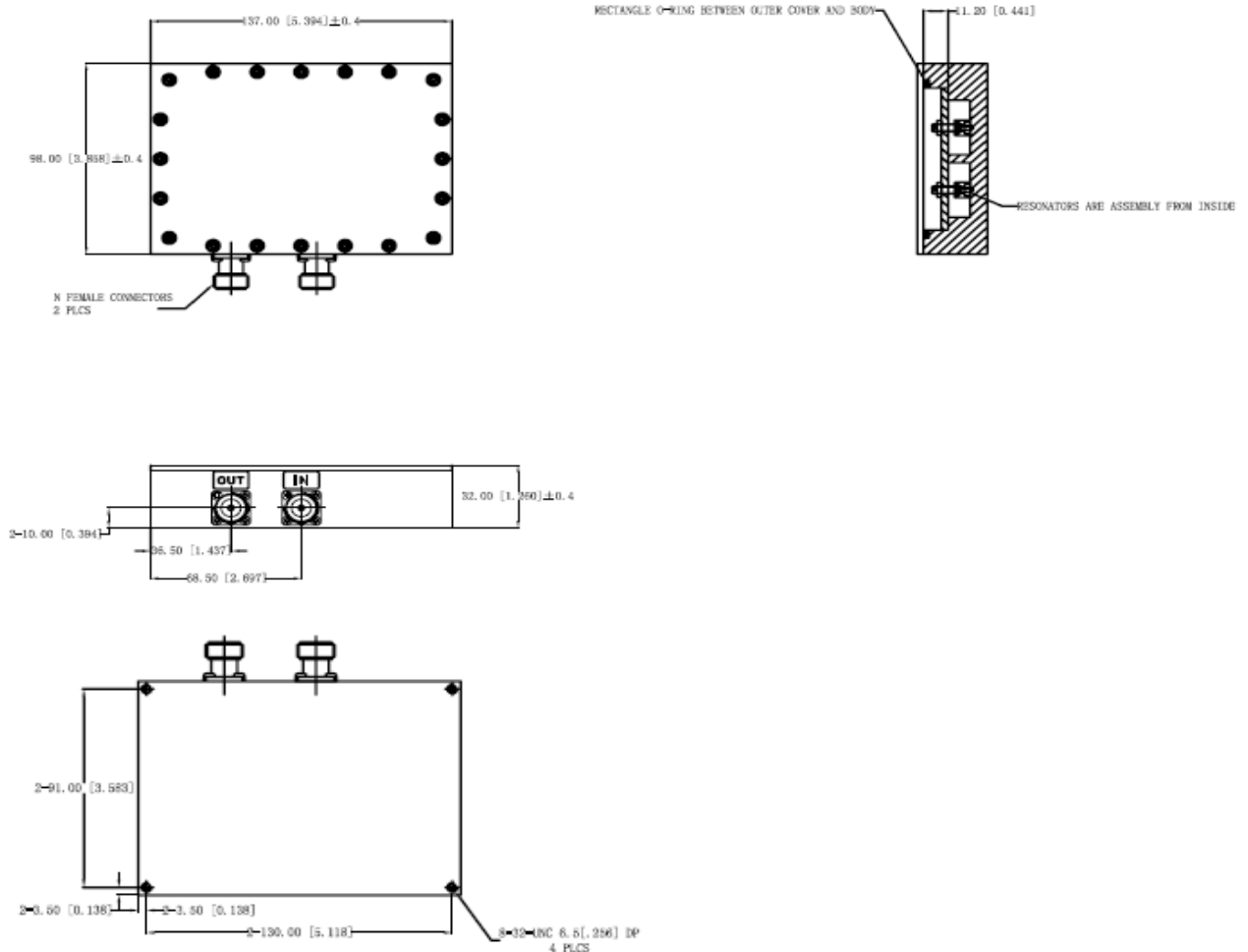
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: N-Type Female
Dimensions: 5.40" x 3.86" x 1.26"

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:





ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5835 MHz WIFI Cavity Filter

Part Number: AB5835B1257



Response Plot:

