



**Electrical specifications**

**Center Frequency:** 5590 MHz  
**Bandwidth:** 10 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 5585-5595 MHz  
**Passband Insertion Loss:** 1.75 dB @ 5585-5595 MHz  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** >14 dB  
**Rejection:** DC-(CF-20)MHz, 40 dBc min  
**Rejection 2:** (CF+20)MHz -6200 MHz, 40 dBc  
**Power Handling:** 40 W  
**Group Delay Variation:** 200ns over any 0.5 MHz

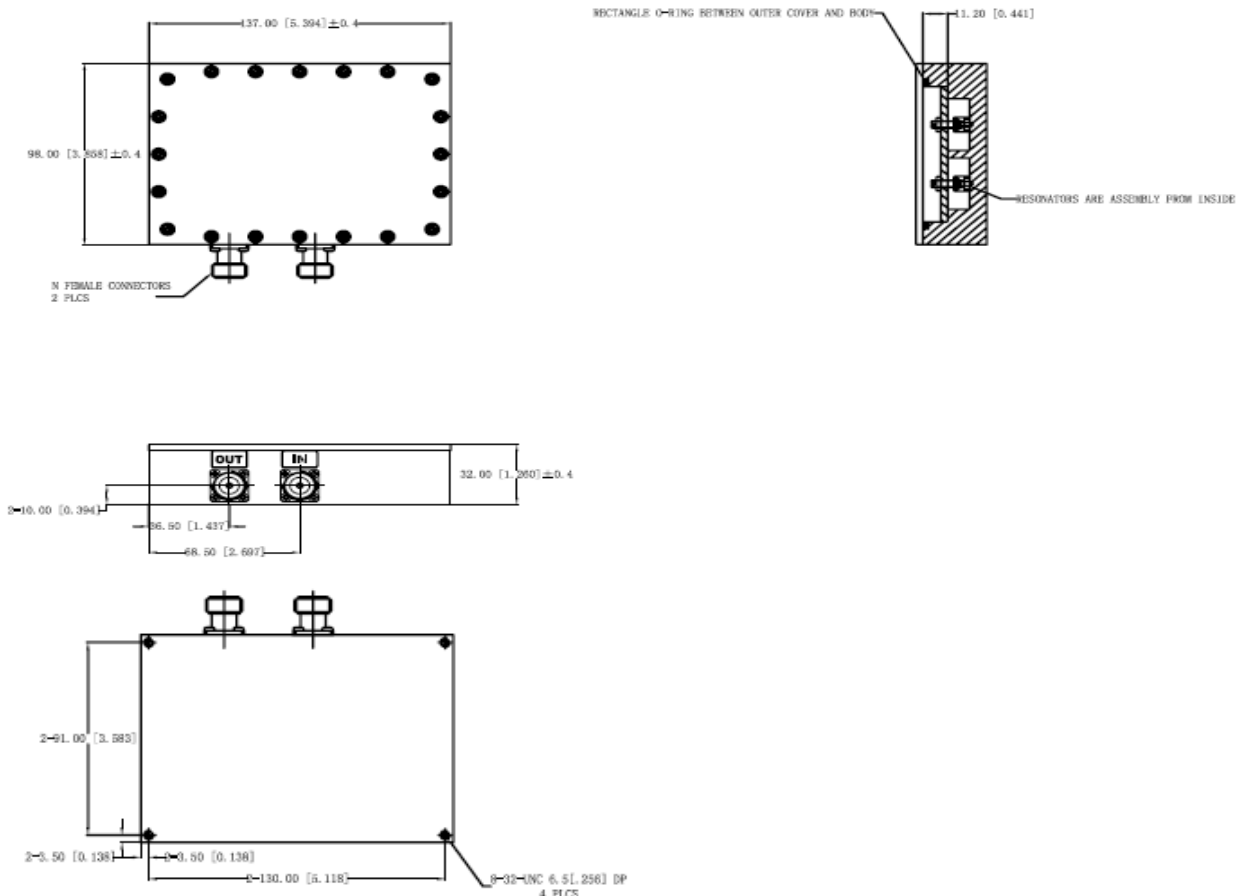
**Mechanical**

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

# 5590 MHz WIFI Cavity Filter

Part Number: AB5590B544



## Response Plot:

