



**Electrical specifications**

**Center Frequency:** 5555 MHz  
**Passband bandwidth:** 20 MHz  
**Insertion loss over PB:** 1.75 dB max over PB  
**Insertion loss variation:** 0.75 dB over PB  
**Rejection 1:** >20 dB@DC-(CF-20) MHz  
**Rejection 2:** >20 dB@(CF+20)-6200 MHz  
**Group delay variation:** 4 ns over any 0.5 MHz in PB  
**Power handling:** 1 Watt

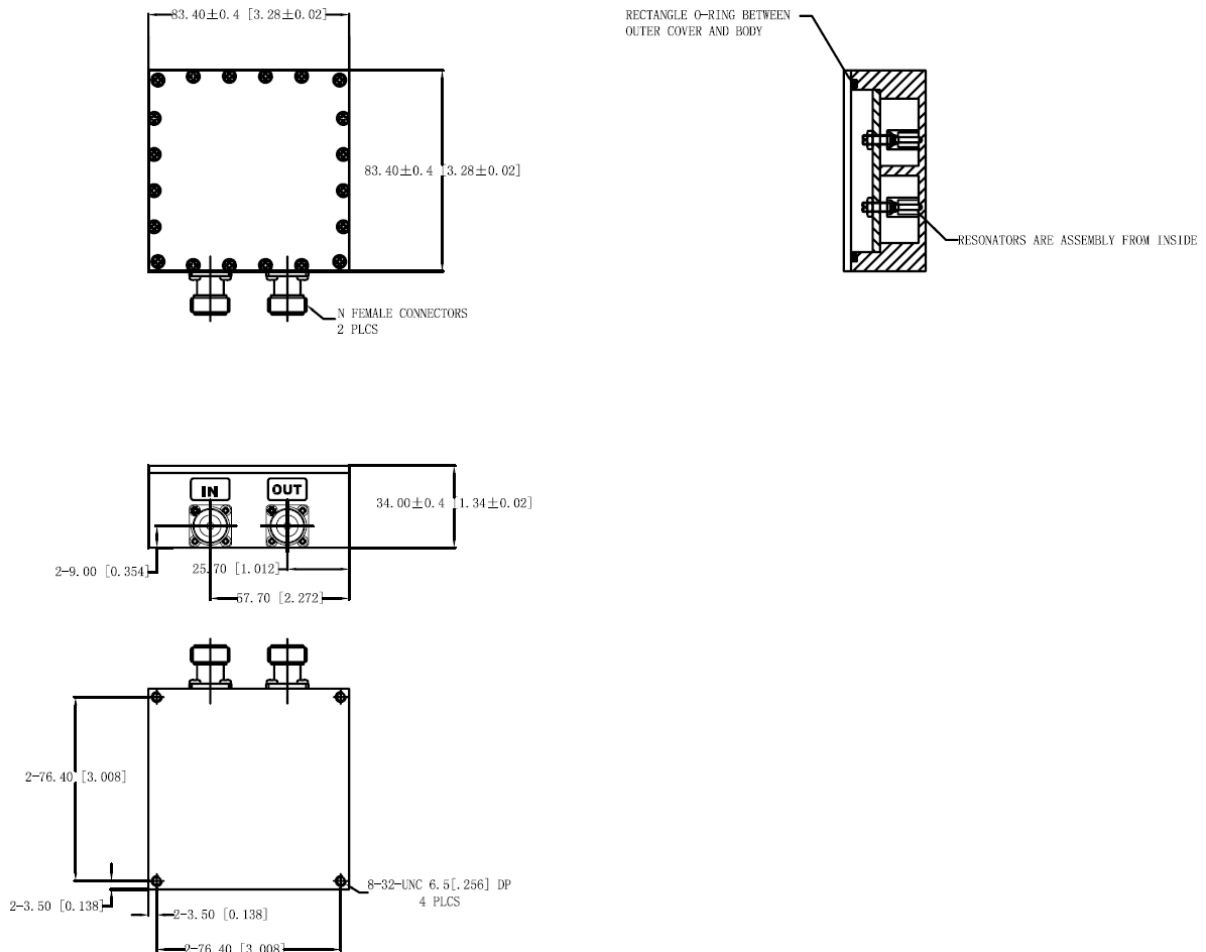
**Mechanical**

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N-Type female,  
**Dimensions:** 3.28" x 3.28" x 1.34" 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:**





**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 5555 MHz WiFi Cavity Filter

Part Number: AB5555B1052



Plot:

