



### Electrical specifications

**Center Frequency:** 3595.5 MHz  
**Bandwidth:** 10 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 3590.5-3600.5 MHz  
**Passband Insertion Loss:** 3.0dB @ 3590.5-3600.5 MHz  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** 16dB @ 3590.5-3600.5 MHz  
**IL Variation:** 3.0 dB  
**Rejection:** DC-(CF-20)MHz 60 dBc min,  
**Rejection 2:** (CF+20) MHz-6200 MHz 60 dBc min  
**Group Delay Variation:** 50ns over any 0.5 MHz  
**Power Handling:** 1 W

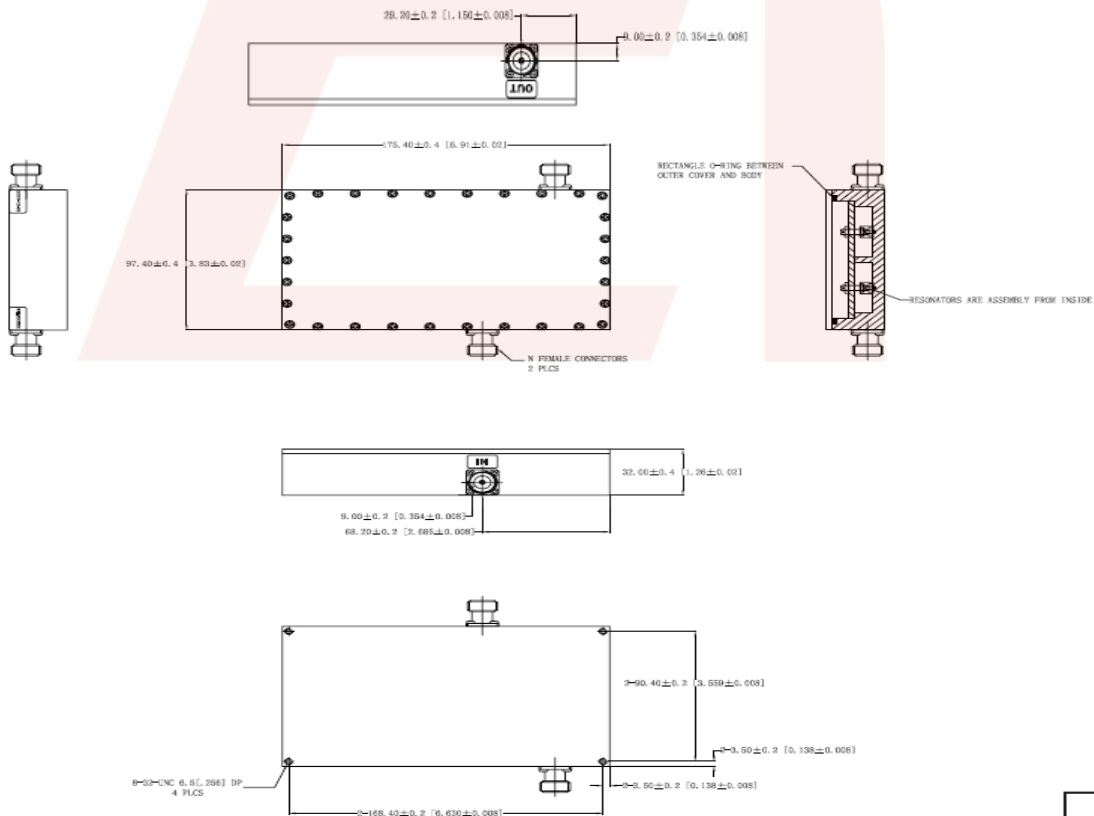
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N-type Female  
**Dimensions:** 6.93" x 3.86" x 1.28"  
 (176mm x 98mm x 32.5mm)

### Environmental

**Operating Temperature:** 0 to +50 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

# 3595.5 MHz Cavity Bandpass Filter

**Part Number: AB3595B760**



## Response Plot:

