



# 896.752 MHz Cavity Band Pass Filter

## Part Number: AB897B599

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



### Electrical specifications

**Center Frequency:** 896.752 MHz  
**Bandwidth:** 10 MHz  
**Passband:** 891.752-901.752 MHz  
**Insertion loss:** 1 dB Max.  
**Return loss:** 15 dB Min  
**Rejection1:** 50 dB Min @ 835 MHz  
**Rejection2:** 65 dB Min @ 936 MHz  
**Power Handling:** 35 Watts Max.  
**Impedance:** 50 Ohms

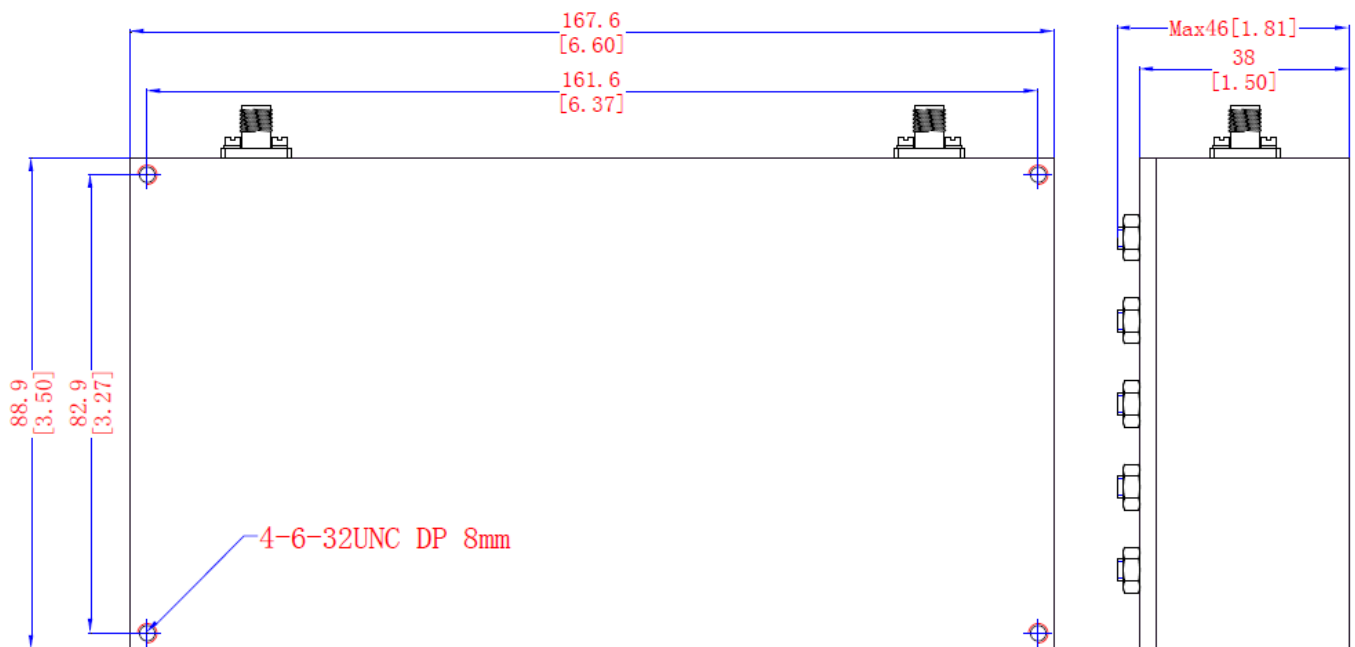
### Mechanical

**Mounting Method:** Threaded Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 6.6 x 3.5 x 1.81In.

### Environmental

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +95°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200Hz

### Outline Drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]  
3 decimal places: +/- 0.005 inches [+/- 0.13mm]  
Angles: +/- 1 Deg.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.*