



### Electrical specifications

**Center Frequency:** 112.5 MHz  
**Bandwidth:** 1 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 112-113 MHz  
**Passband Insertion Loss:** <1.5 dB over PB  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** >15 dB over PB  
**Rejection:** >60 dB @ 0-107.5 MHz  
**Rejection 2:** >60 dB @ 117.5-500 MHz  
**Power Handling:** 50 W

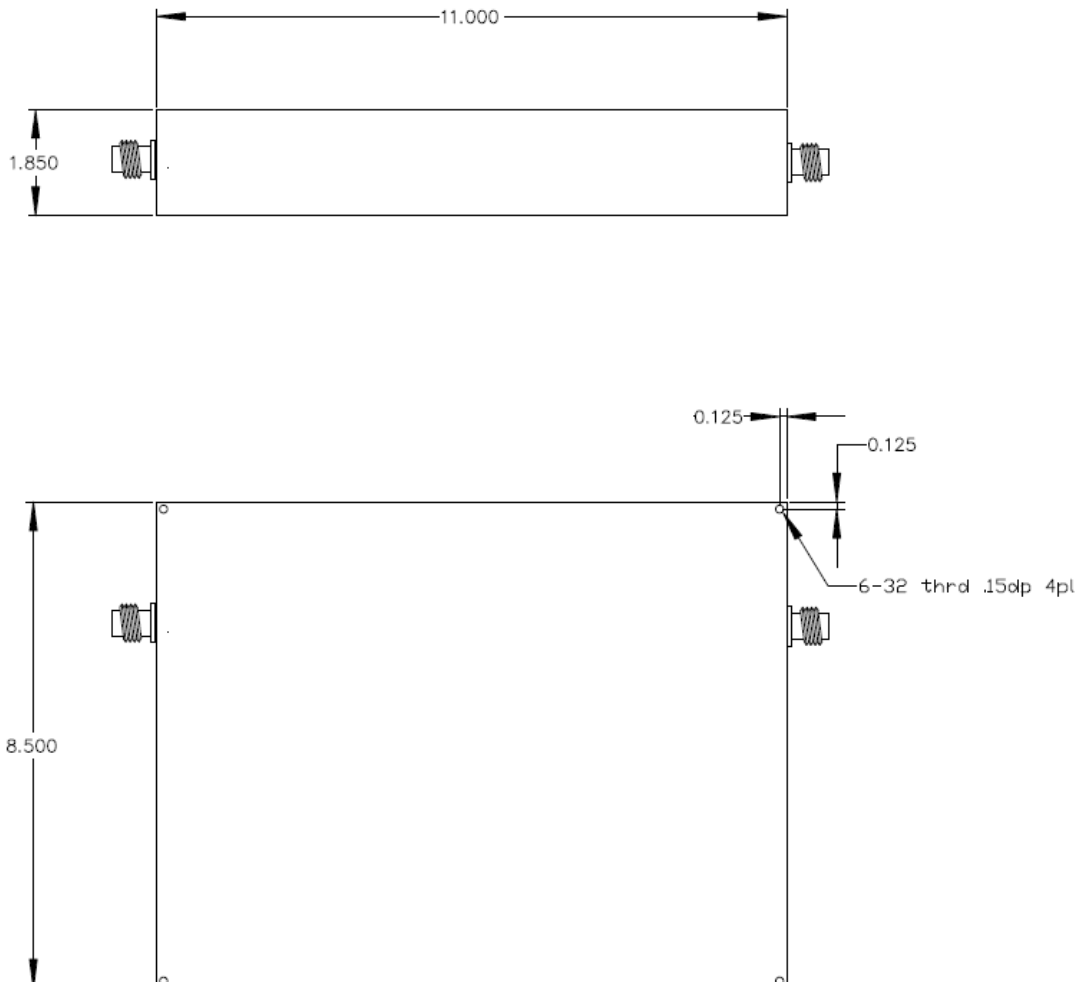
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** W Type (F)  
**Dimensions:** 11" x 8.5" x 1.85"

### 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

# 112.5 MHz Cavity Bandpass Filter

Part Number: AE112B10244



## Response Plot:

