



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

# 563 MHz Cavity Bandpass Filter

Part Number: AE563B10350



## Electrical specifications

**Center Frequency:** 563 MHz  
**Bandwidth:** 18 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 554-572 MHz  
**Passband Insertion Loss:** <1 dB  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** >14 dB  
**Rejection:** >50 dB @ 592-1000 MHz  
**Power Handling:** 1 W

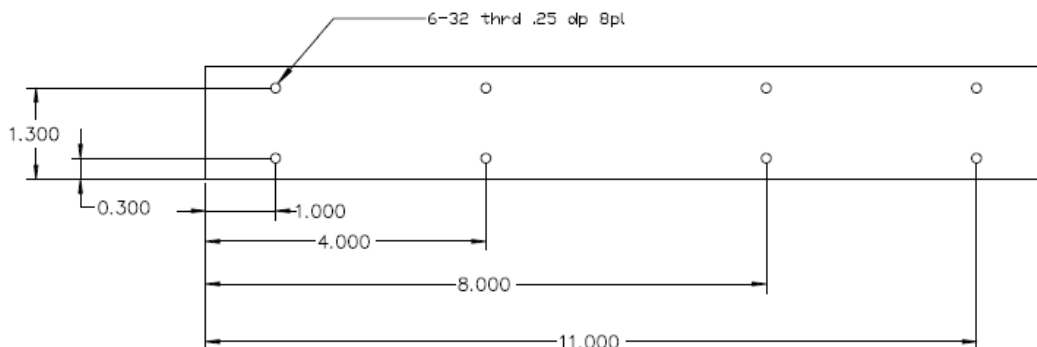
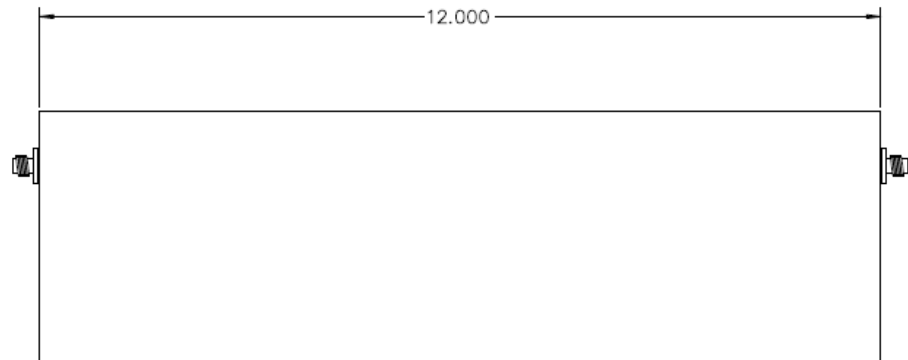
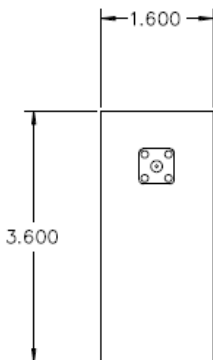
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 12 x 3.6 x 1.6 in.

## Environmental

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

## Outline Drawing:





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## Response Plot:

