



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

# 906.5 MHz Cavity Bandpass Filter

**Part Number: AB906B470**



## Electrical specifications

**Center Frequency:** 906.5 MHz  
**Bandwidth:** 17 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 898-915 MHz  
**Passband Insertion Loss:** <1dB  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** > 15 dB  
**Attenuation @ 894 MHz:** >25 dB  
**Attenuation @ 935 MHz:** >50 dB  
**Attenuation@ 947 MHz:** >80 dB

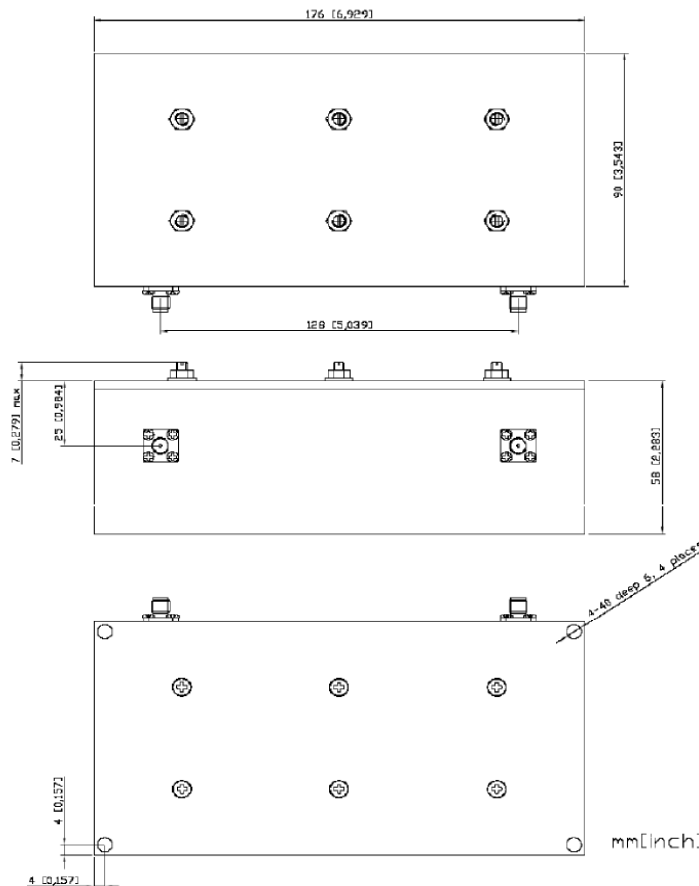
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 176mm x 90mm x 58mm.

## 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:





### Response Plot:

