



### Electrical specifications

**Center Frequency:** 713 MHz  
**Bandwidth:** 18 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 704-722 MHz  
**Passband Insertion Loss:** <1.2 dB  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** >14 dB  
**Rejection:** >50dB @ 0-664 MHz  
>50dB @ 760-2000 MHz  
**Power Handling:** 1 W

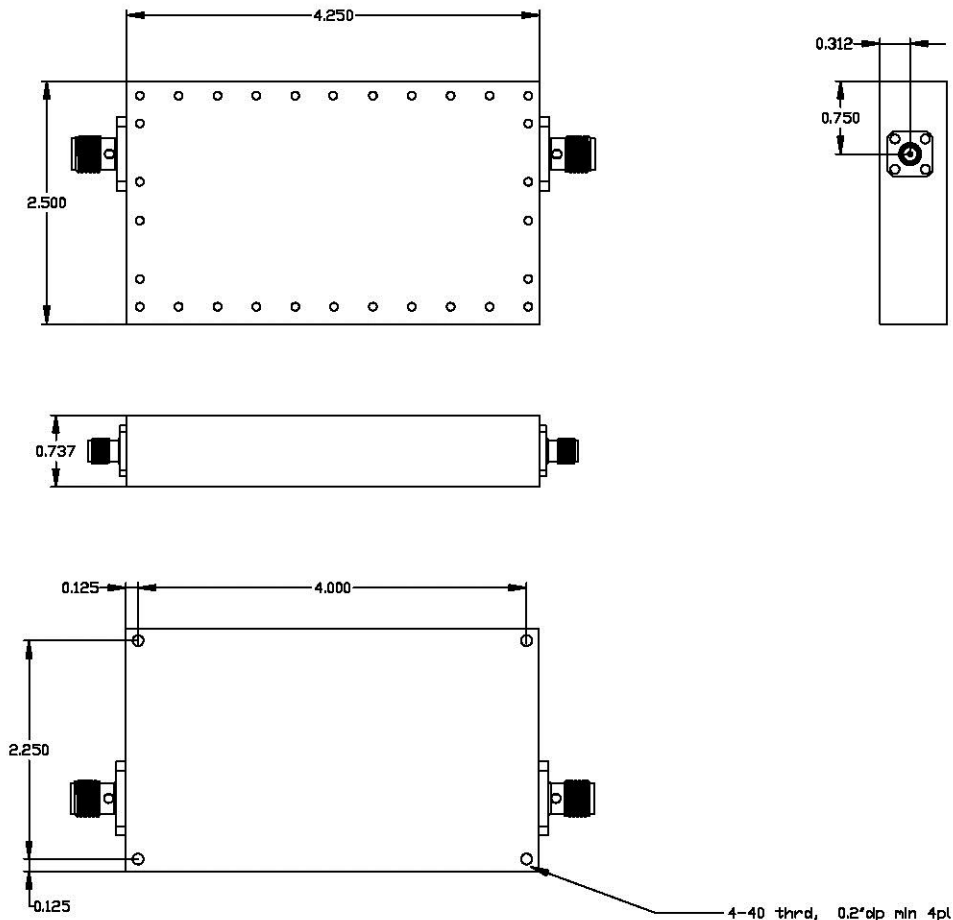
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 4.25 x 2.5 x 0.737 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:





# 713 MHz Cavity Bandpass Filter

## Part Number: AE713B9135



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

### Response Plot:

