



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

# 170 MHz Cavity Bandpass Filter

Part Number: AE170B10733



## Electrical Specifications

**Center Frequency:** 170 MHz  
**Bandwidth :** 8 MHz  
**Insertion Loss:** <3 dB  
**Impedance:** 50 Ohms  
**Return Loss :** 20 dB  
**Lower Rejection:** < 80 dB at 154 MHz  
**Higher Rejection:** >80 dB at 190 MHz  
**Power Handling :** 10 Watt

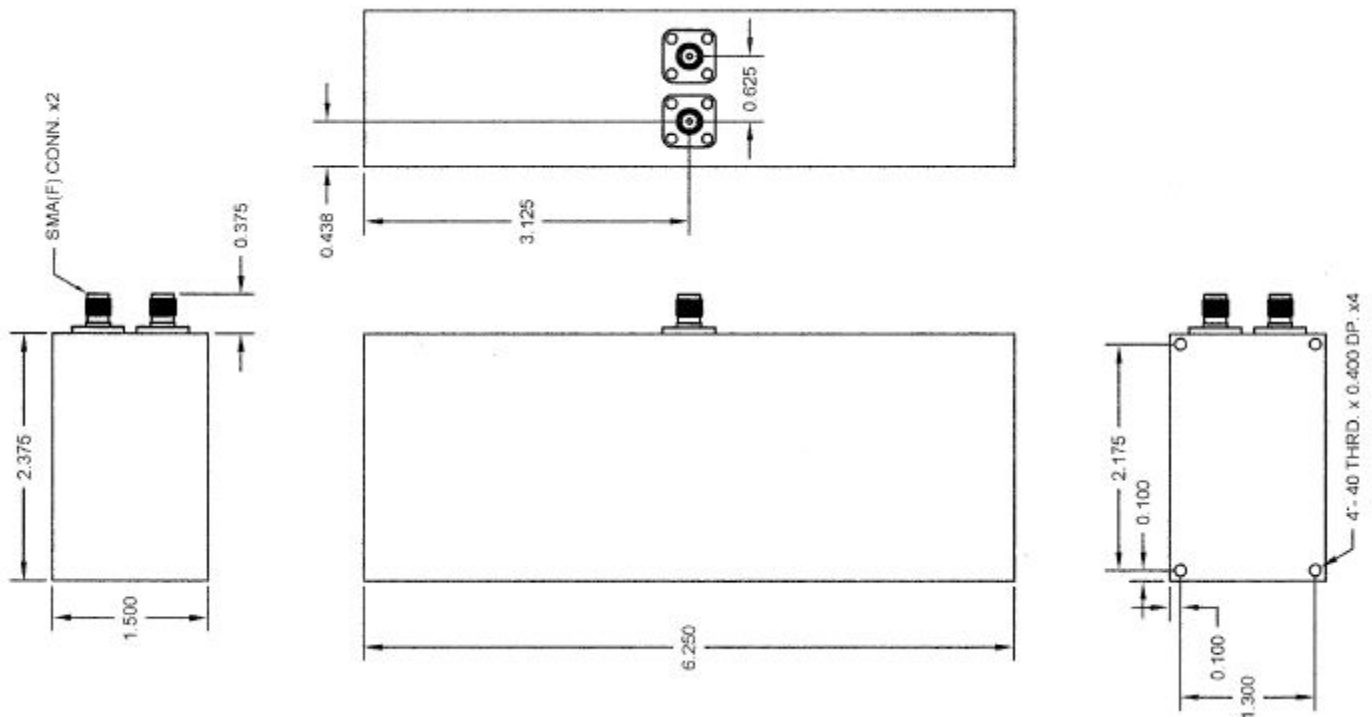
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA(Female)  
**Dimensions:** 6.250" X 2.375" x 1.5" in.

## Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -40°C to +90°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20G. 5 to 200Hz

## Outline Drawing:





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## Response Plot:

