



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

# 150 MHz LC Bandpass Filter

Part Number: AE150B6667



## Electrical Specifications

**Center Frequency:** 150 MHz  
**Passband:** <1 dB @ 120 MHz to 180 MHz  
**VSWR:** 1.5:1  
**Ripple:** <0.5 @ 120 MHz to 180 MHz  
**Insertion Loss:** <1.5 dB @150 MHz  
**Impedance:** 50 Ohms  
**Rejection:** > 60 dB @ 0-195 MHz & 192.5 MHz  
**Rejection2:** > 20 dB @ 107 MHz  
**Rejection3:** > 60 dB @ 830 MHz to 1000 MHz  
**Rejection4:** > 60 dB @ 1700 MHz to 1870 MHz  
**Rejection5:** > 40 dB @ 560 MHz to 563 MHz  
**Rejection6:** > 40 dB @ 2125 MHz to 2300 MHz  
**Rejection6:** > 40 dB @ 2550 MHz to 3060 MHz

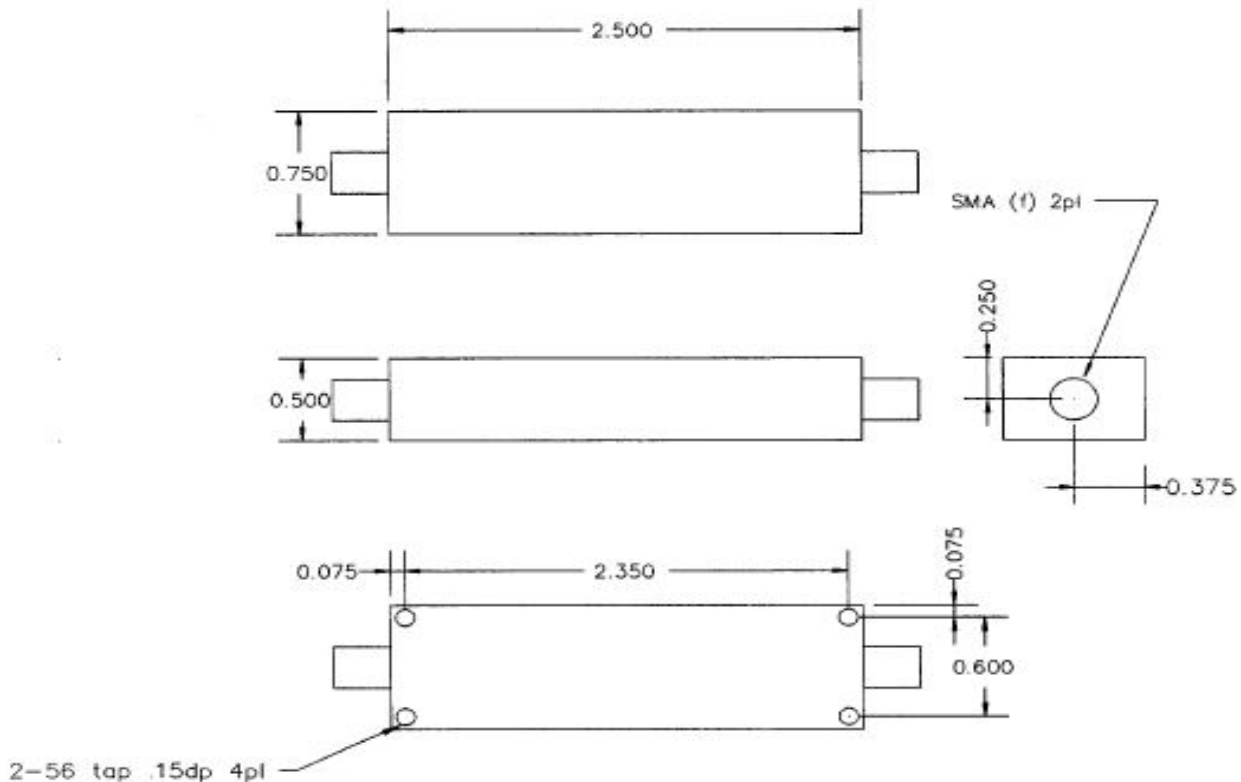
## Mechanical

**Connector Type:** SMA(Female)  
**Dimensions:** 2.5" X 0.75" x 0.5" in.

## Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -40°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

## Outline Drawing:





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## Response Plot:

