



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

## 150 MHz Bandpass Filter

Part Number: AE150B6668



### Electrical Specifications

**Center Frequency:** 150 MHz  
**Passband:** <1 dB @ 133 MHz to 167 MHz  
**VSWR:** 1.5:1  
**Insertion Loss:** <3 dB  
**Impedance:** 50 Ohms  
**Rejection:** > 20 dB @ 120 MHz  
**Rejection:** > 20 dB @ 180 MHz  
**Rejection:** > 40 dB @ 108 MHz  
**Rejection:** > 40 dB @ 195 MHz  
**Rejection:** > 40 dB @ 910 MHz  
**Rejection:** > 40 dB @ 1265 MHz to 1435 MHz  
**Rejection:** > 40 dB @ 2290 MHz to 2810 MHz

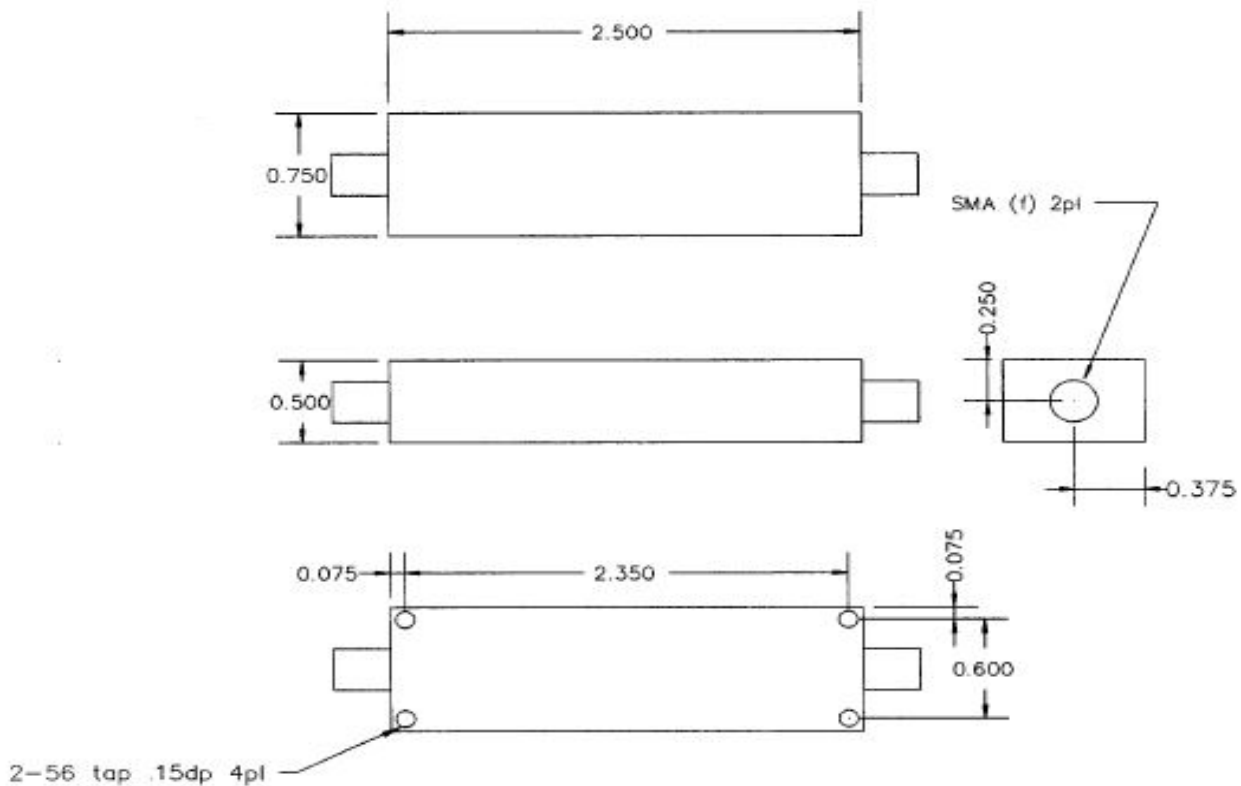
### Mechanical

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

### Environmental

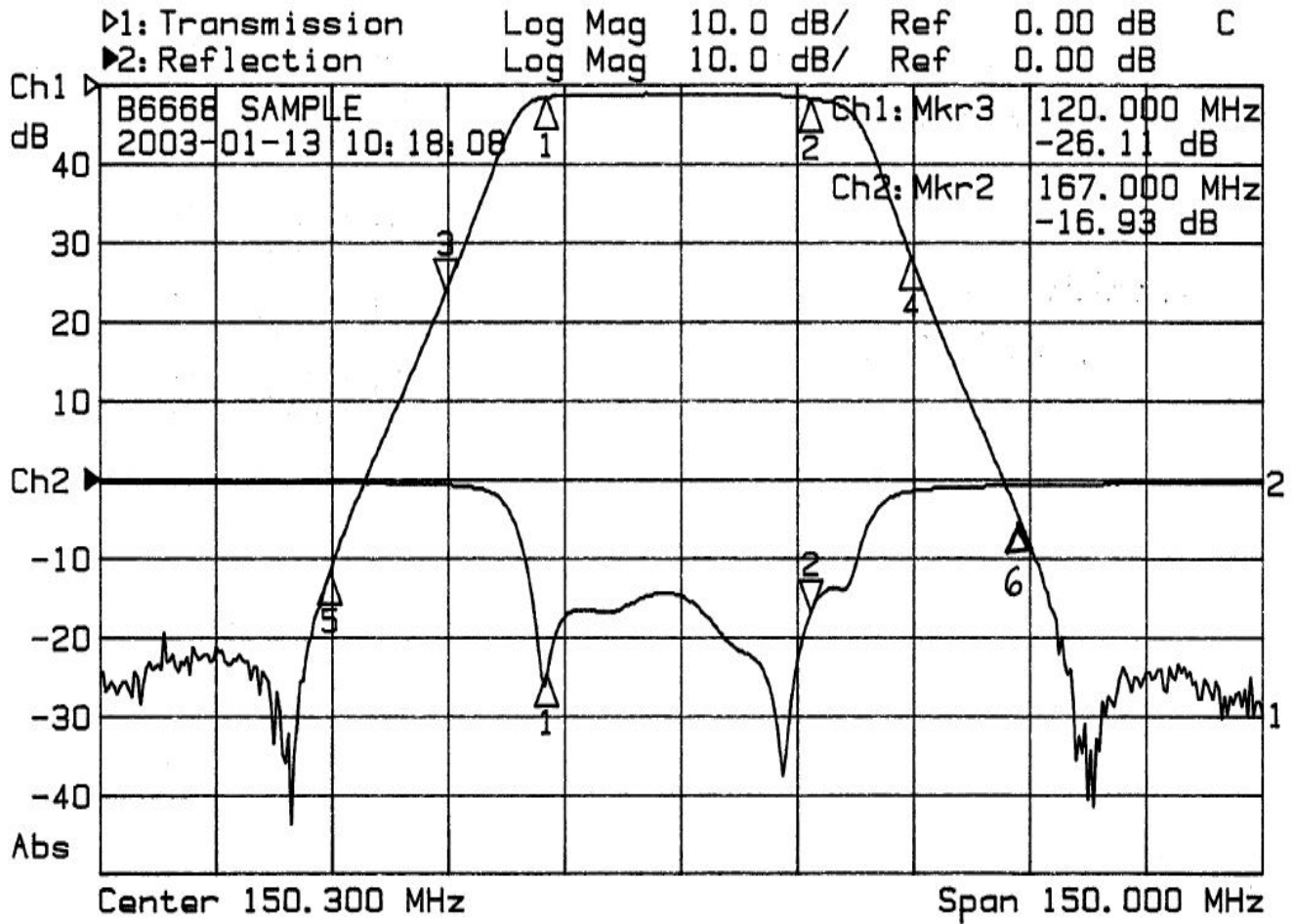
**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -40°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

### Outline Drawing:





**Response Plot:**



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 133.00	-1.50	1: 133.00	-24.69
2: 167.00	-1.78	2> 167.00	-16.93
3> 120.00	-26.11		
4: 180.00	-21.97		
5: 105.00	-61.86		
6: 195.00	-57.58		