



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

## 95 MHz Bandpass Filter

**Part Number: AE95B6658**



### Electrical Specifications

**Center Frequency:** 95 MHz  
**Bandwidth:** 12 MHz  
**Impedance:** 50 Ohms  
**VSWR:** 1.5:1 @91 MHz to 99 MHz  
**Insertion loss:**  $\leq 2.5$  dB  
**Rejection :**  $>25$  dB @190 MHz to 1000 MHz

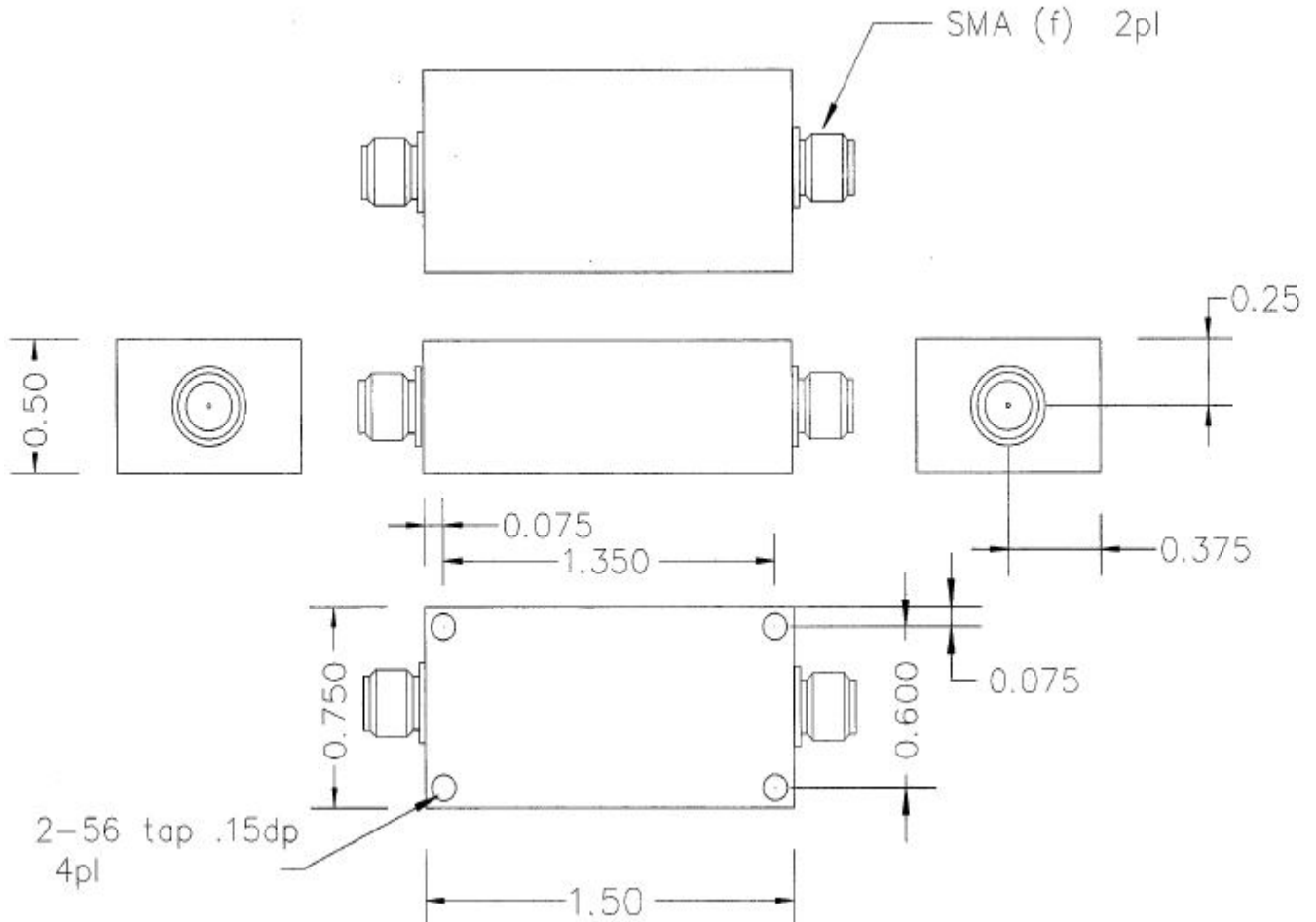
### Mechanical

**Connector Type:** SMA(Female)  
**Dimensions:** 1.5" X 0.75" x 0.5" in.

### Environmental

**Operating Temperature:**  $-25^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$   
**Storage Temperature:**  $-40^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$   
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

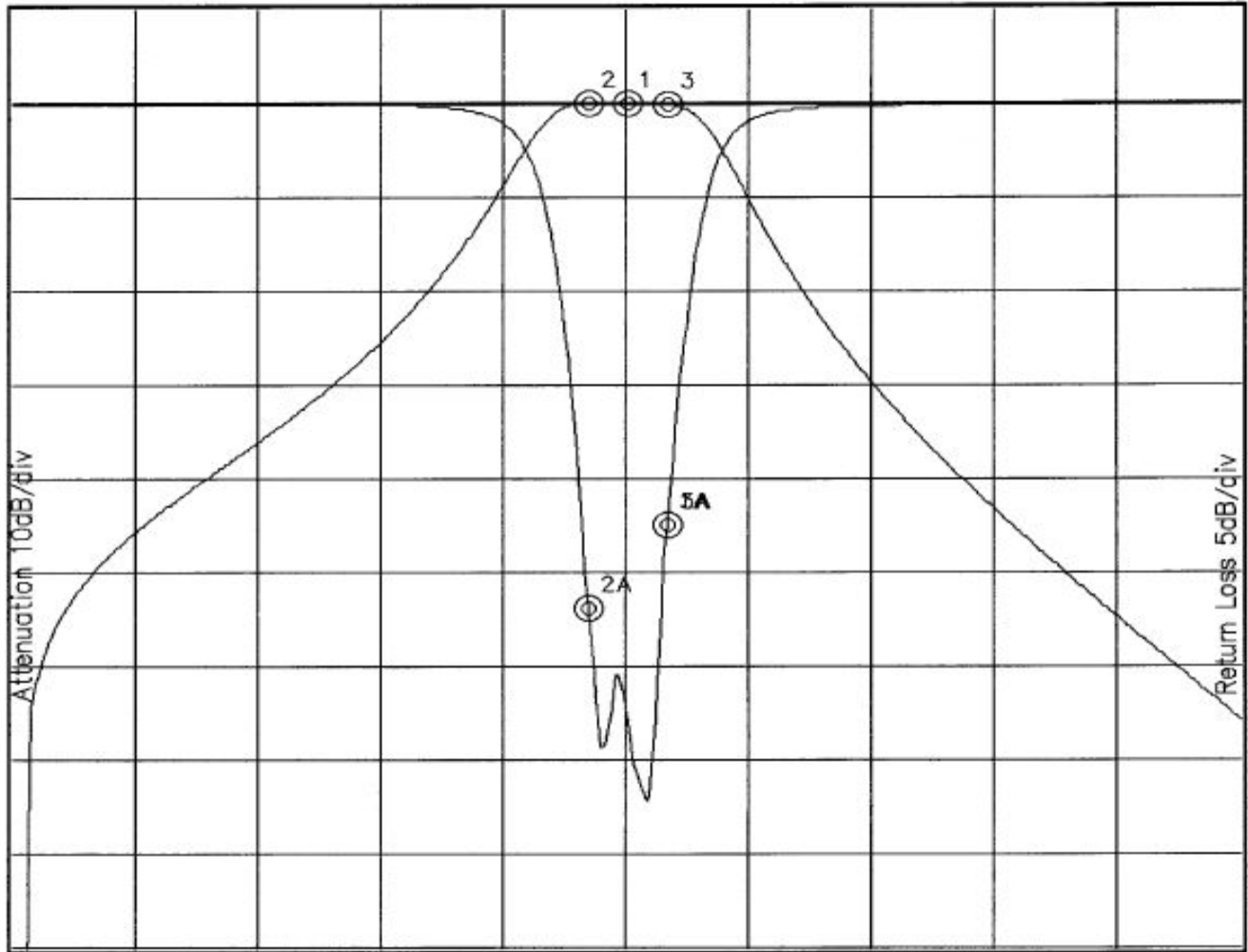
### Outline Drawing:





### Response Plot:

\GANGWAY\PN6000\B6658.lad      SEP 18, 2002      Attenuation,



Attenuation Start: 0.020Hz    Stop: 190.0MHz    Return Loss Start: 0.020Hz    Stop: 190.0MHz

Offset -0.8695dB

Marker 1 Freq 95.153MHz Atten 0.042dB  
Marker 2 Freq 89.015MHz Atten -0.013dB  
Marker 3 Freq 101.29MHz Atten -0.139dB

Marker 1A Freq 101.29MHz Ret Loss -22.571dB  
Marker 2A Freq 89.015MHz Ret Loss -27.070dB  
Marker 3A Freq 101.29MHz Ret Loss -22.571dB