



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: ≤ 2.5 dB
Rejection : >25 dB @190 MHz to 1000 MHz

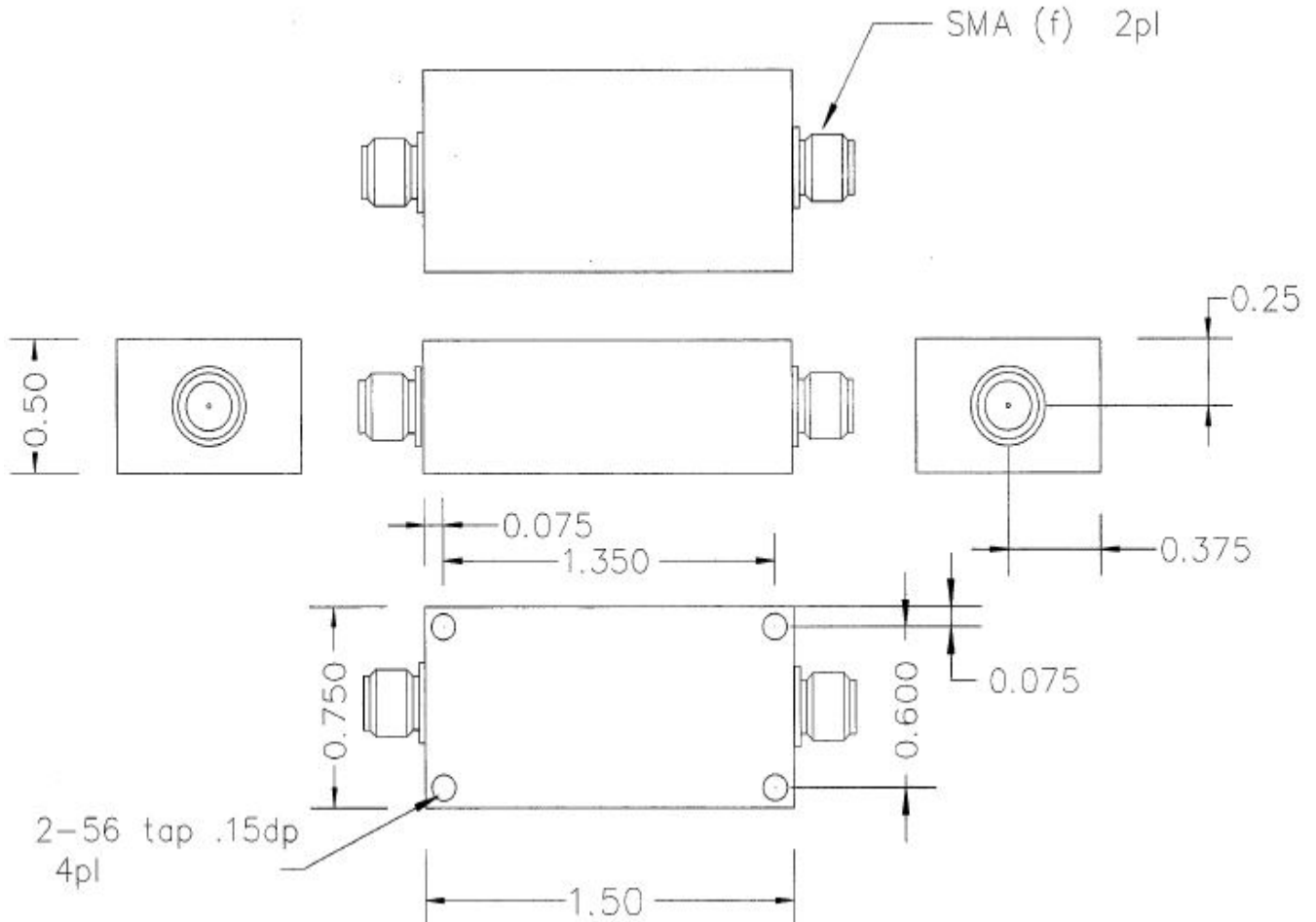
Mechanical

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

Environmental

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

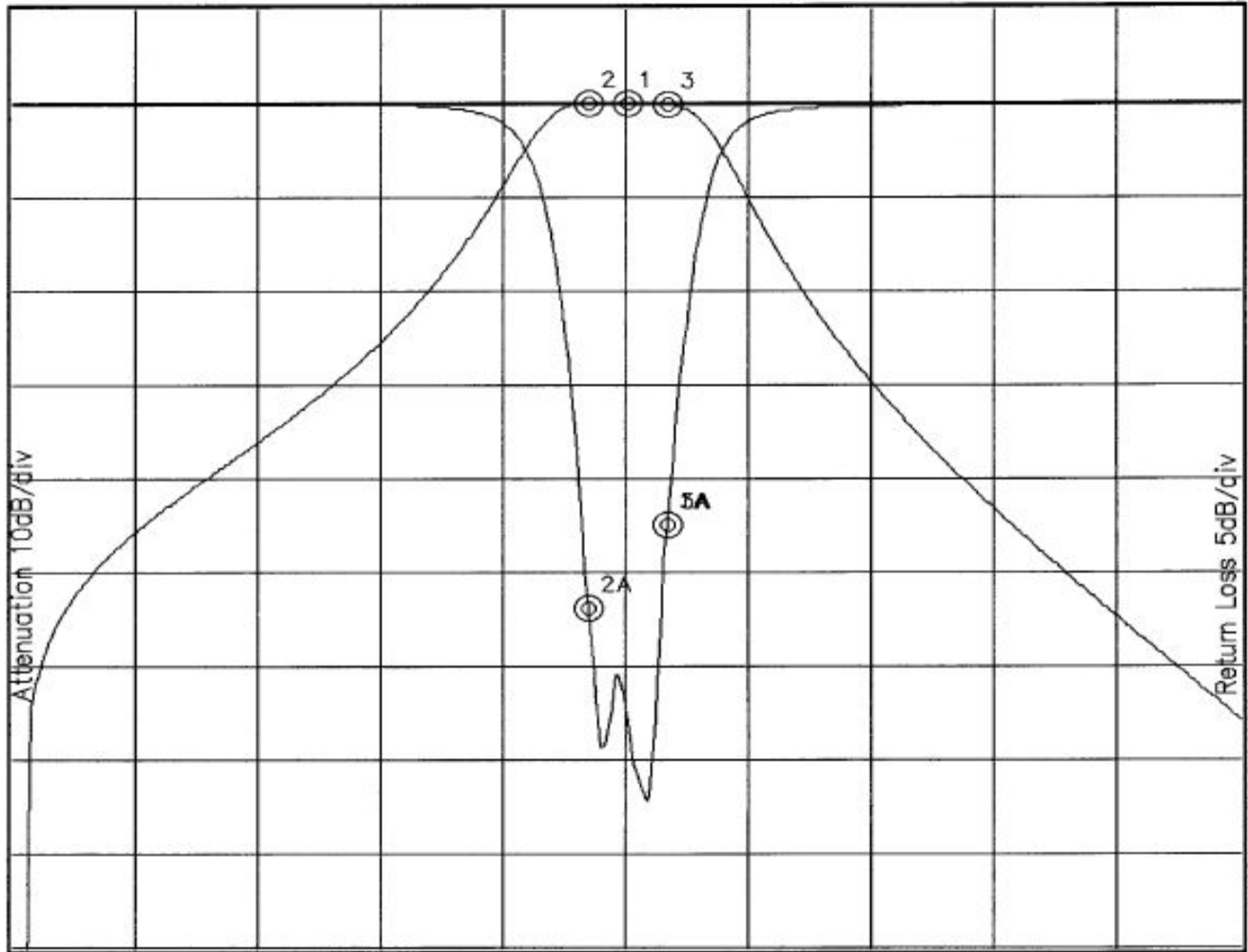
Outline Drawing:





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