



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

950 MHz LC Bandpass Filter

Part Number: **AE950B5193**



Electrical Specifications

Center Frequency: 950 MHz
Passband: 900 MHz to 1000 MHz
Insertion Loss: <3dB
Rejection: >40dB @ 825 MHz to 1075 MHz
Impedance: 50 Ohms

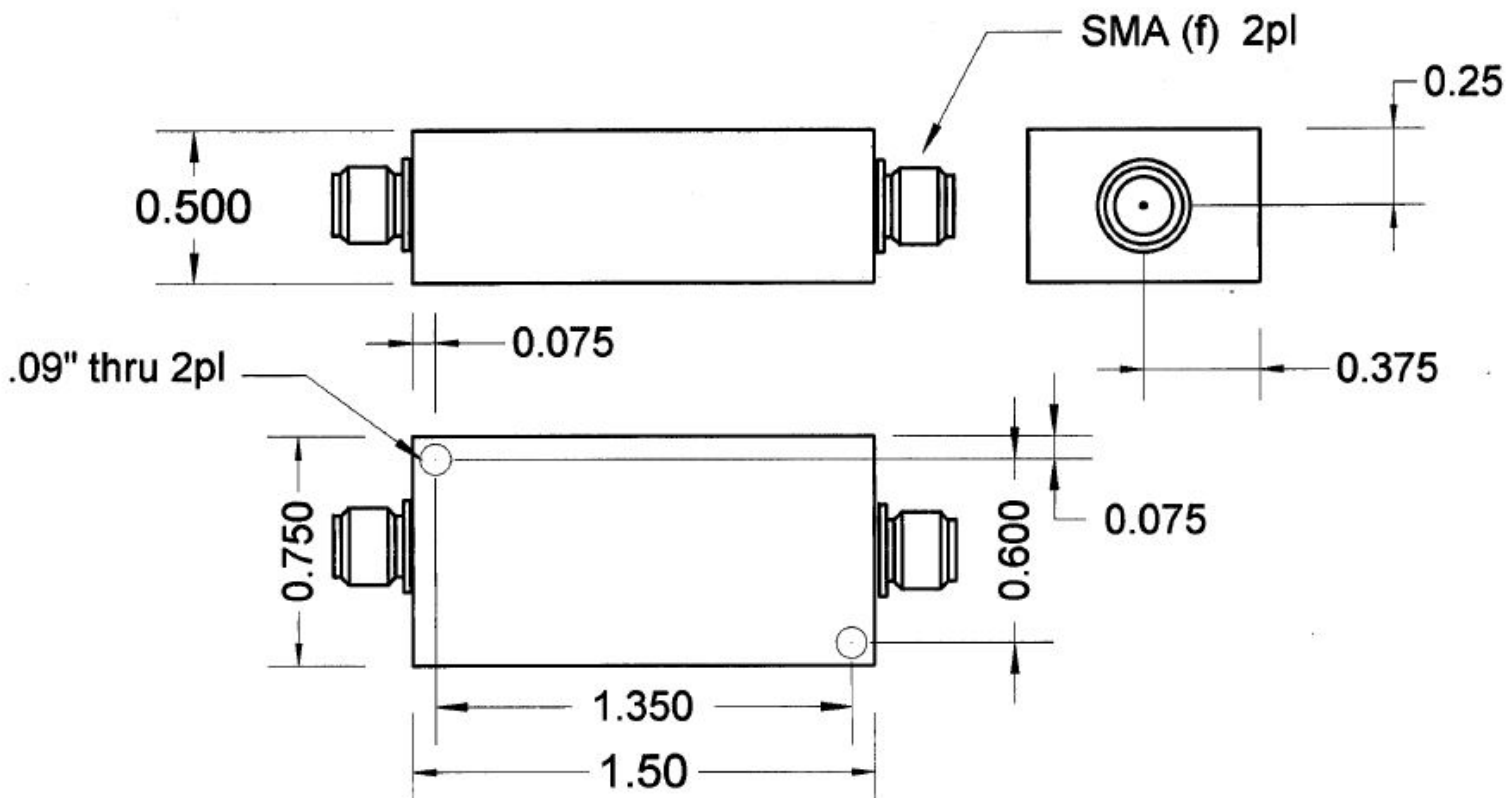
Mechanical

Mounting Method: Through Holes
Connector Type: SMA(F)
Dimensions: 1.5" x 0.75" x 0.5" in.

Environmental

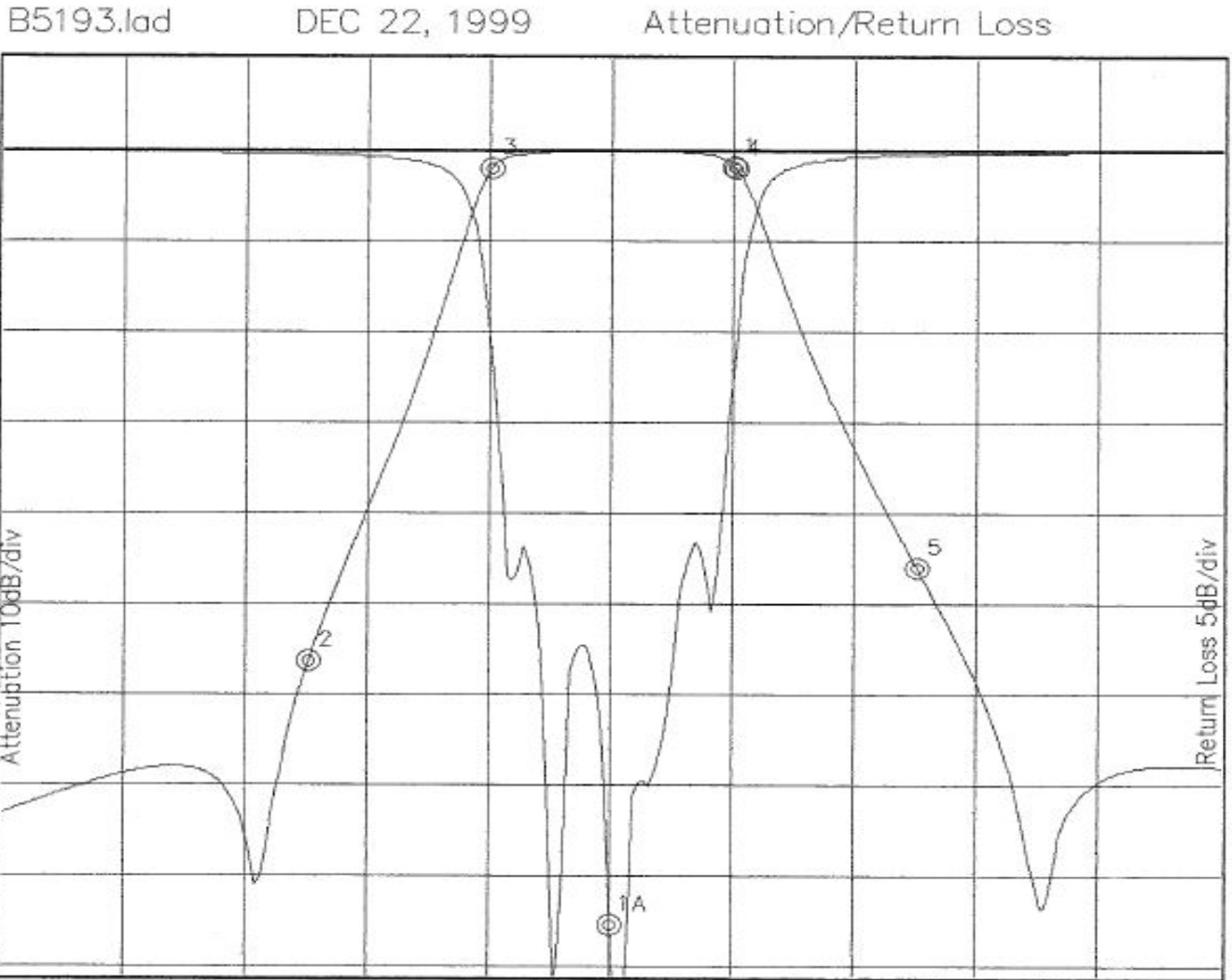
Operating Temperature: -25°C to +70°C
Storage Temperature: -40°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:





Response Plot:



Attenuation Start: 700.0MHz Stop: 1.20GHz
Offset -1.3043dB

Return Loss Start: 700.0MHz Stop: 1.20GHz

- Marker 1 Freq 999.67MHz Atten -1.693dB
- Marker 2 Freq 825.20MHz Atten -56.086dB
- Marker 3 Freq 900.32MHz Atten -1.862dB
- Marker 4 Freq 1.0GHz Atten -1.946dB
- Marker 5 Freq 1.076GHz Atten -45.905dB

Marker 1A Freq 949.59MHz Ret Loss -42.489dB