



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1 MHz LC Bandpass Filter

Part Number: AE1B9592



Electrical Specifications

Center Frequency: 1 MHz

Bandwidth: 0.4 MHz

Passband : 0.8 MHz to 1.2 MHz **Insertion Loss:** 0.5 dB

Return Loss: 15 dB **Attenuation:** 20 dB

Rejection: >50dB @ 0.5 MHz

Rejection: >50dB @ 1.6 MHz

Impedance: 50 Ohms

Temperature: -40°C to +70°C

Vibration: 10 G, 5 to 200Hz

Mechanical

Connector Type: BNC(Male) & BNC(Female)

Dimensions: 2.5" x 1.125" x 0.750" in.

Environmental

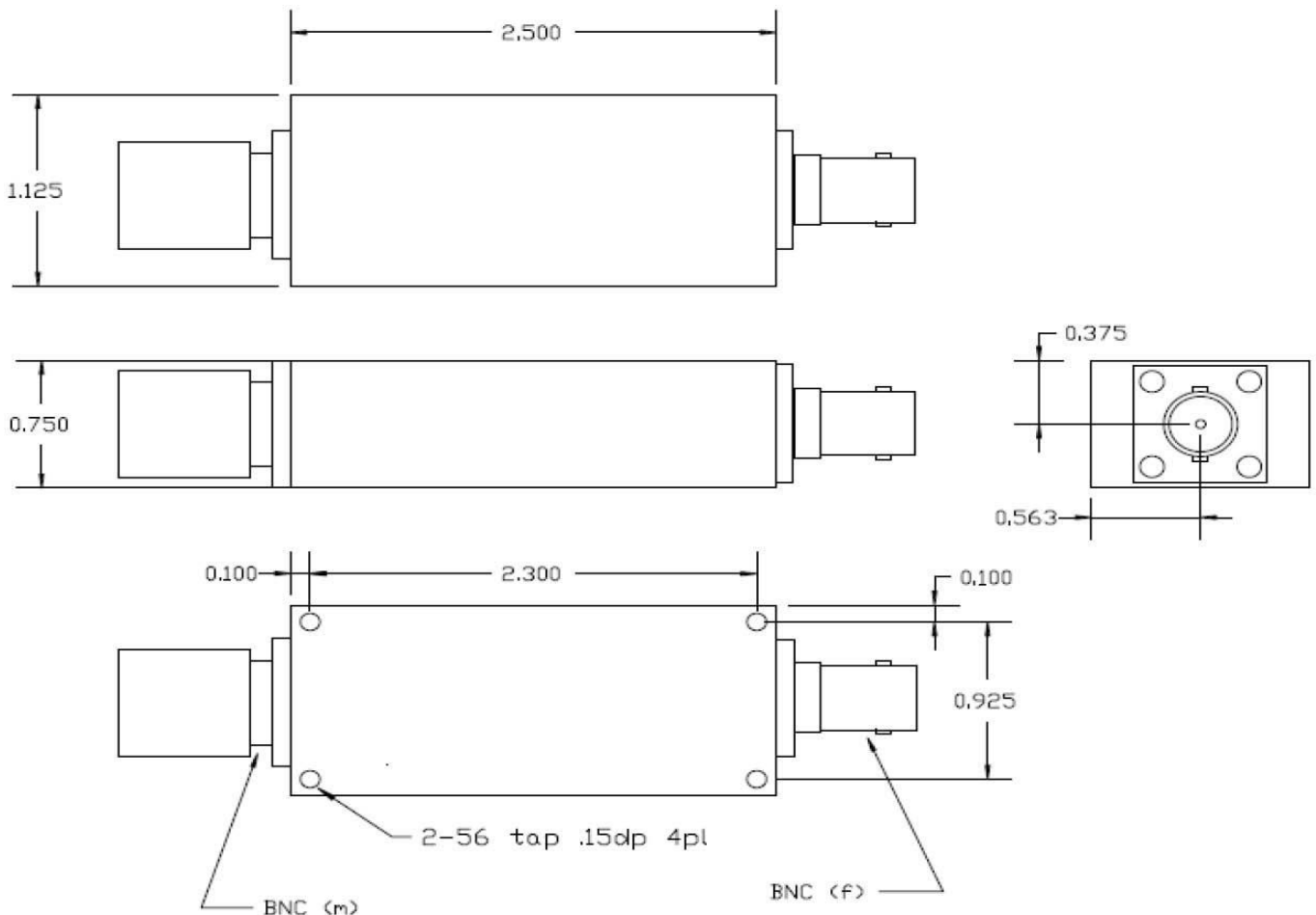
Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +90°C

Shock: 10 G, 11ms

Vibration: 10 G, 5 to 200Hz

Outline Drawing:





Response Plot:

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CH1 S₁₁ log MAG 5 dB/ REF 0 dB 1 -14.925 dB
CH2 S₂₁ log MAG 10 dB/ REF 0 dB 1 -1.0427 dB

