



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1 MHz LC Bandpass Filter

Part Number: AE1B9592



Electrical Specifications

Center Frequency: 1 MHz
Insertion loss @ 1 MHz : ≤ 2 dB
Passband : 0.8 MHz to 1.2 MHz
Insertion loss @ 0.8 MHz: ≤ 5 dB
Return Loss @ Center Frequency: ≥ 15 dB
Rejection 1: > 50 dB @ 0.5 MHz
Rejection 2: > 50 dB @ 1.6 MHz
Impedance: 50 Ohms
Power handling: 10 watts max.

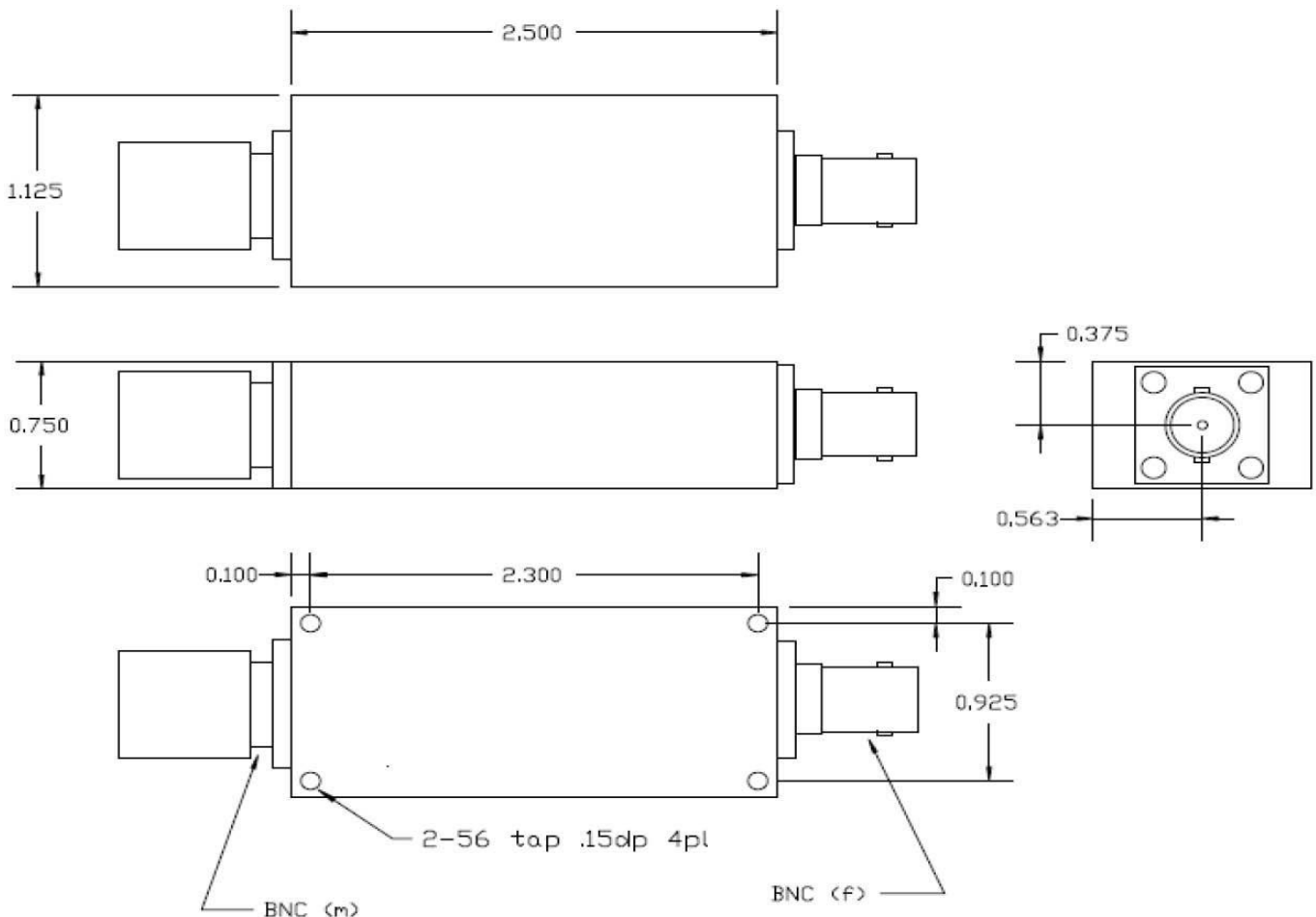
Mechanical

Connector Type: BNC(Male) & BNC(Female)
Dimensions: 2.5" x 1.125" x 0.750" 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:





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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

