



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

70 MHz LC Bandpass Filter

Part Number: AE70B10049



Electrical Specifications

Center Frequency: 70 MHz
Bandwidth: 10 MHz
Passband : 65 MHz to 75 MHz
Insertion Loss: ≤ 2 dB
Return Loss: >15 dB @ 67 MHz to 73 MHz
Rejection: >30 dB @ 0-50 MHz
Rejection2: >40 dB @ 85 MHz to 500 MHz
Impedance: 50 Ohms

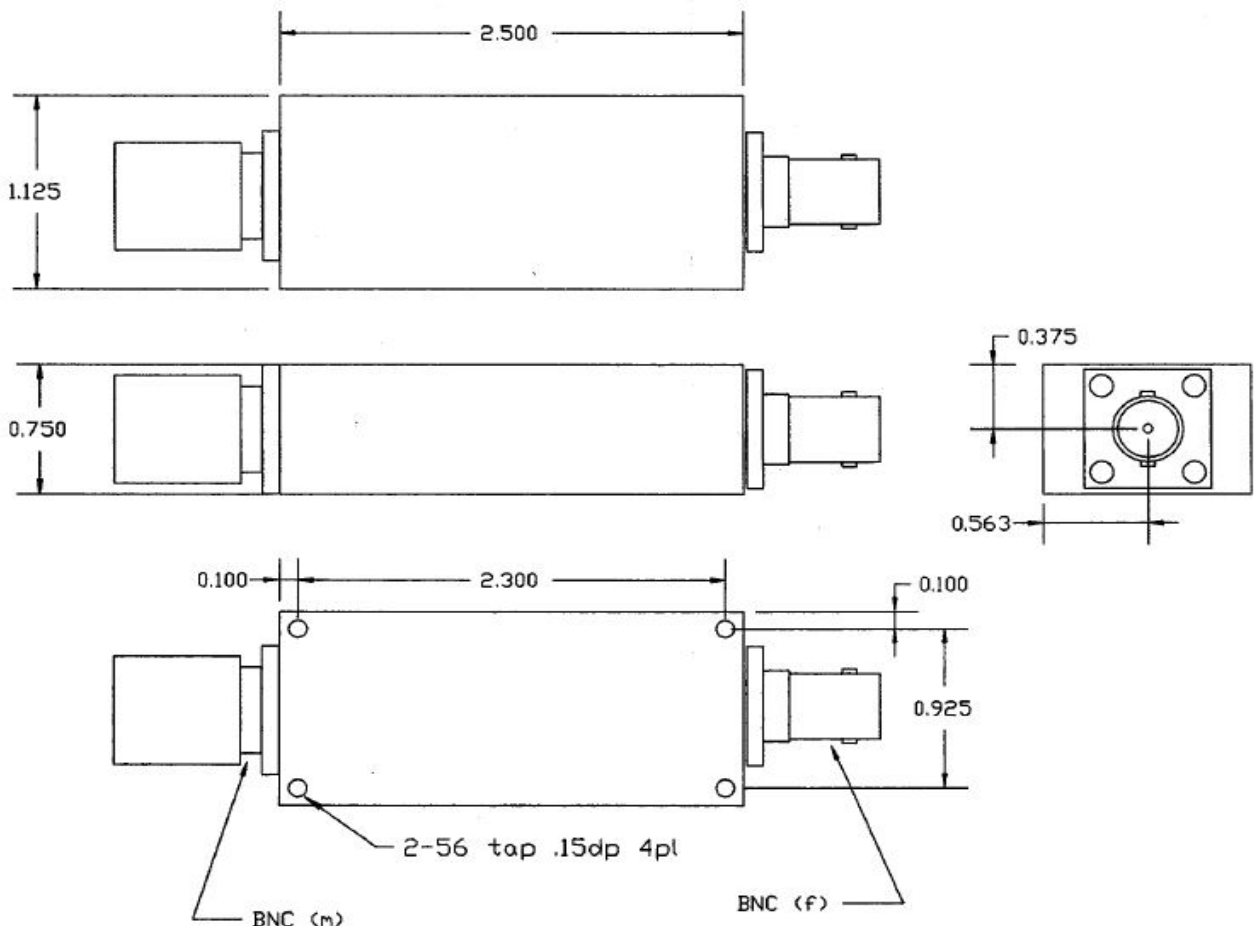
Mechanical

Connector Type: BNC(M) & BNC(F)
Dimensions: 2.5" x 1.125" x 0.75" 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:

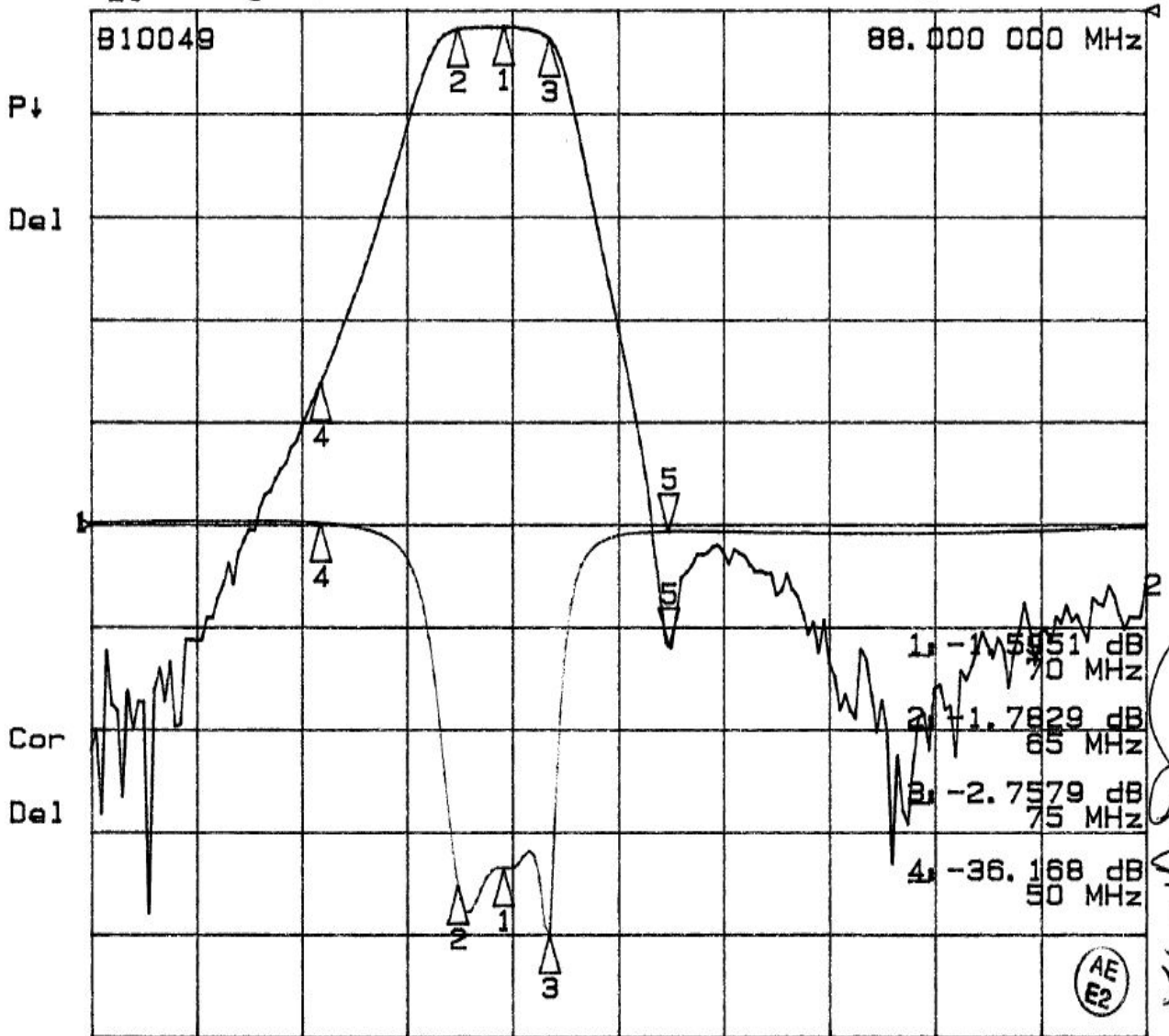




Response Plot:

1 Apr 2008 16:53:37

CH1 S₁₁ log MAG 5 dB/ REF 0 dB 5 -0.3137 dB
CH2 S₂₁ log MAG 10 dB/ REF 0 dB 5 -61.805 dB



START 25.000 000 MHz

STOP 140.000 000 MHz

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