



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

350 MHz LC Bandpass Filter

Part Number: AE350B9834



Electrical Specifications

Center Frequency: 350 MHz
Bandwidth: 293 MHz
Passband : 222 MHz to 515 MHz
Insertion Loss: $\leq 1\text{dB}$ @ 350 MHz
Return Loss: $>15\text{dB}$ @ 222 MHz to 515 MHz
Rejection: $>60\text{dB}$ @ 0-100 MHz
Rejection2: $>15\text{dB}$ @ 210 MHz to 216 MHz
Rejection3: $>35\text{dB}$ @ 1000 MHz to 5000 MHz
Impedance: 50 Ohms

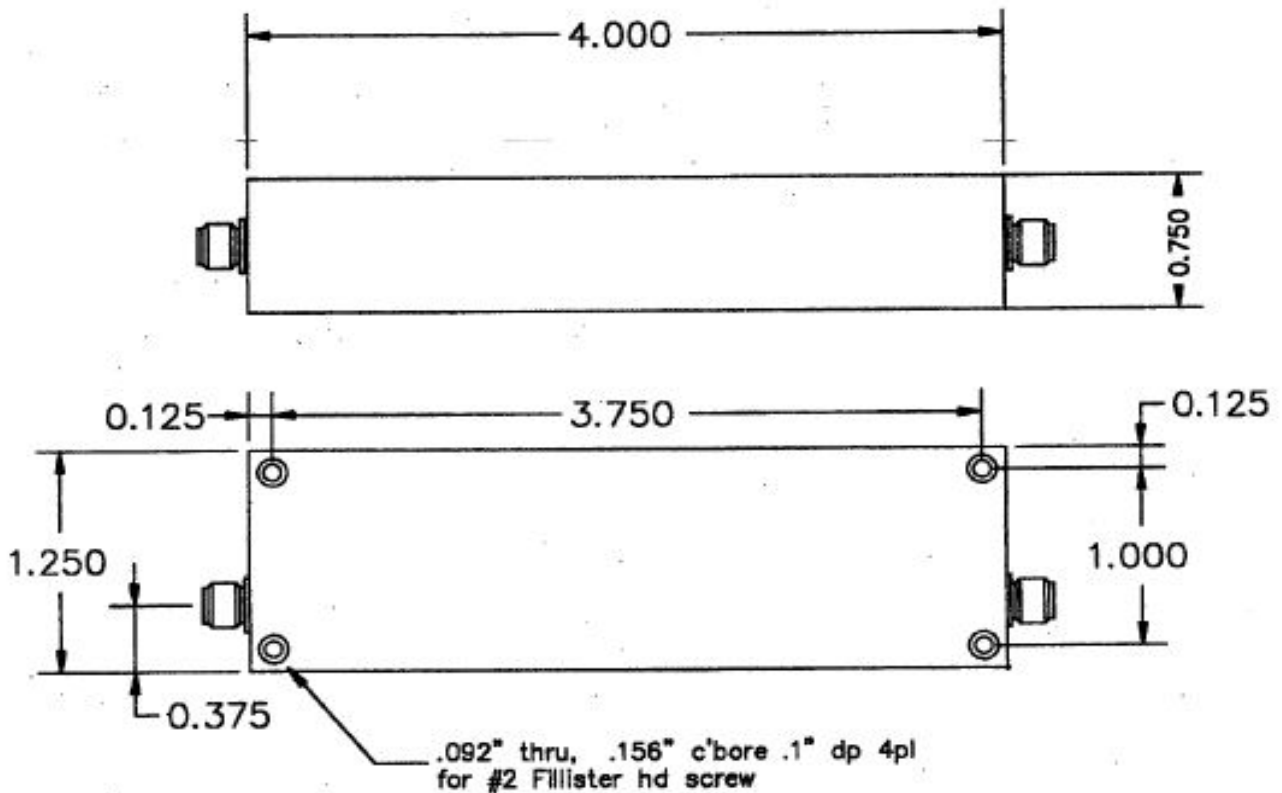
Mechanical

Mounting Method: Through Holes
Connector Type: SMA
Dimensions: 4.0" x 1.25" 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:





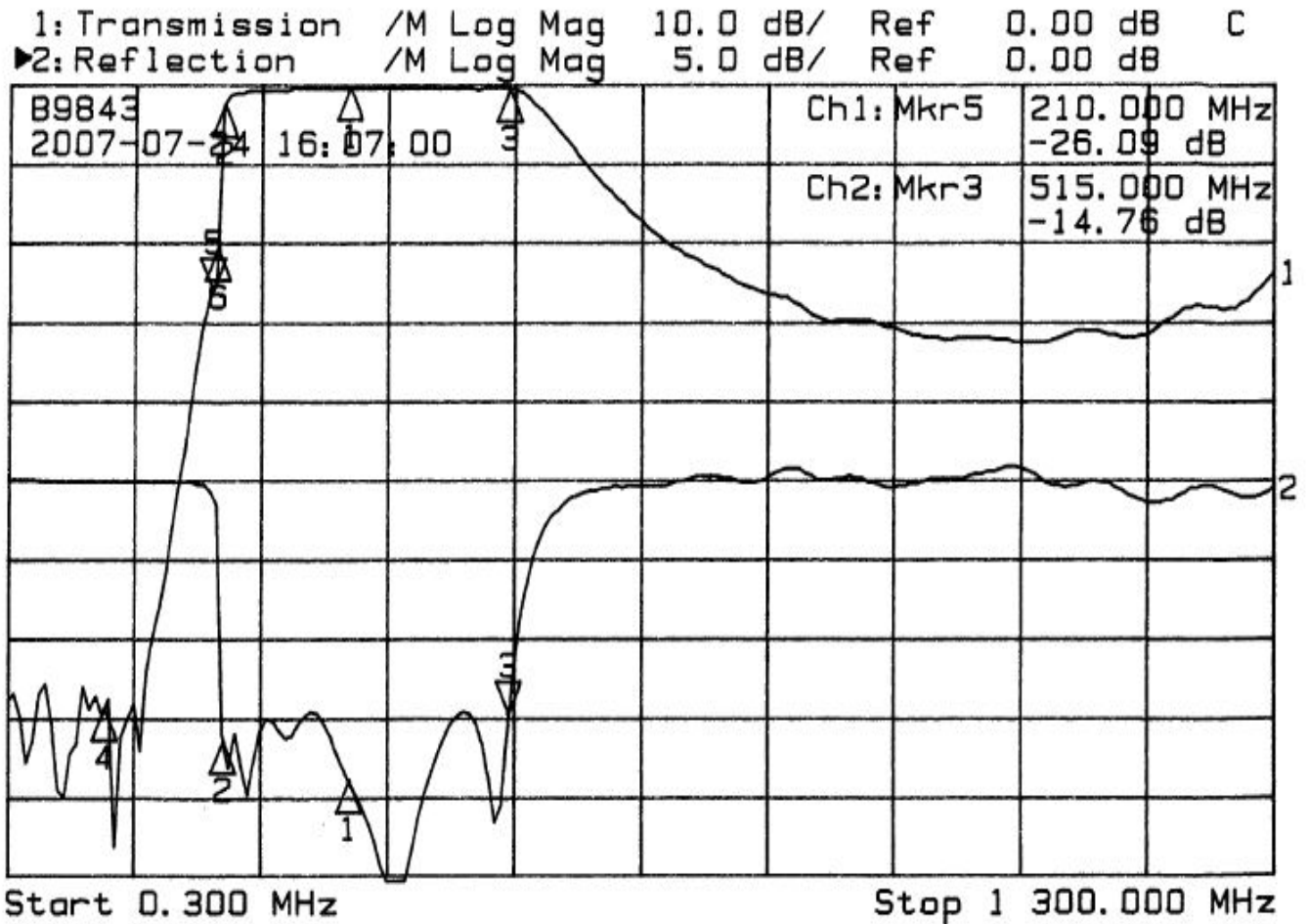
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Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 350.00	-0.35	1: 350.00	-18.94
2: 222.00	-2.35	2: 222.00	-16.33
3: 515.00	-0.48	3> 515.00	-14.76
4: 100.00	-78.87		
5> 210.00	-26.09		
6: 216.00	-20.65		

[Signature] (AE E2)