



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

400 MHz LC Bandpass Filter

Part Number: AE400B9835



Electrical Specifications

Center Frequency: 400 MHz
Bandwidth: 393 MHz
Passband : 222 MHz to 615 MHz
Insertion Loss: $\leq 1\text{dB}$ @ 400 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

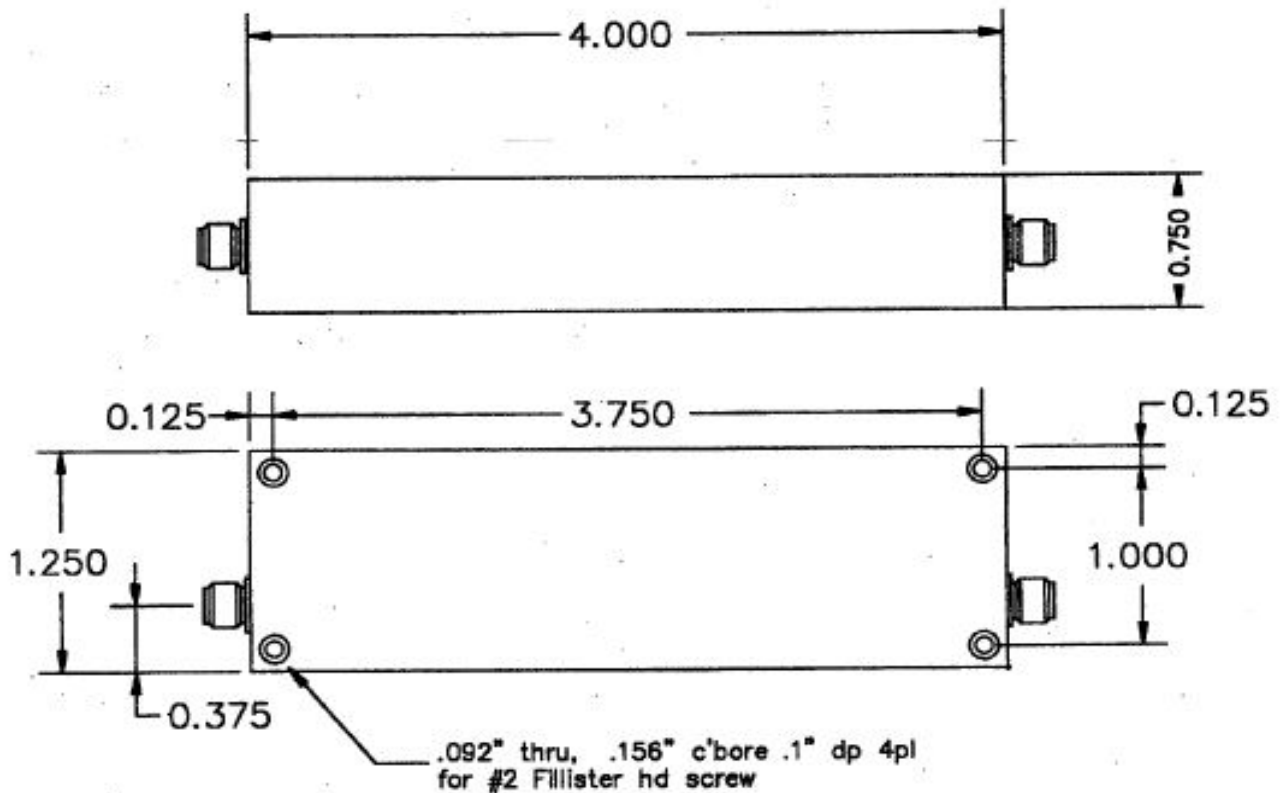
Mechanical

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:





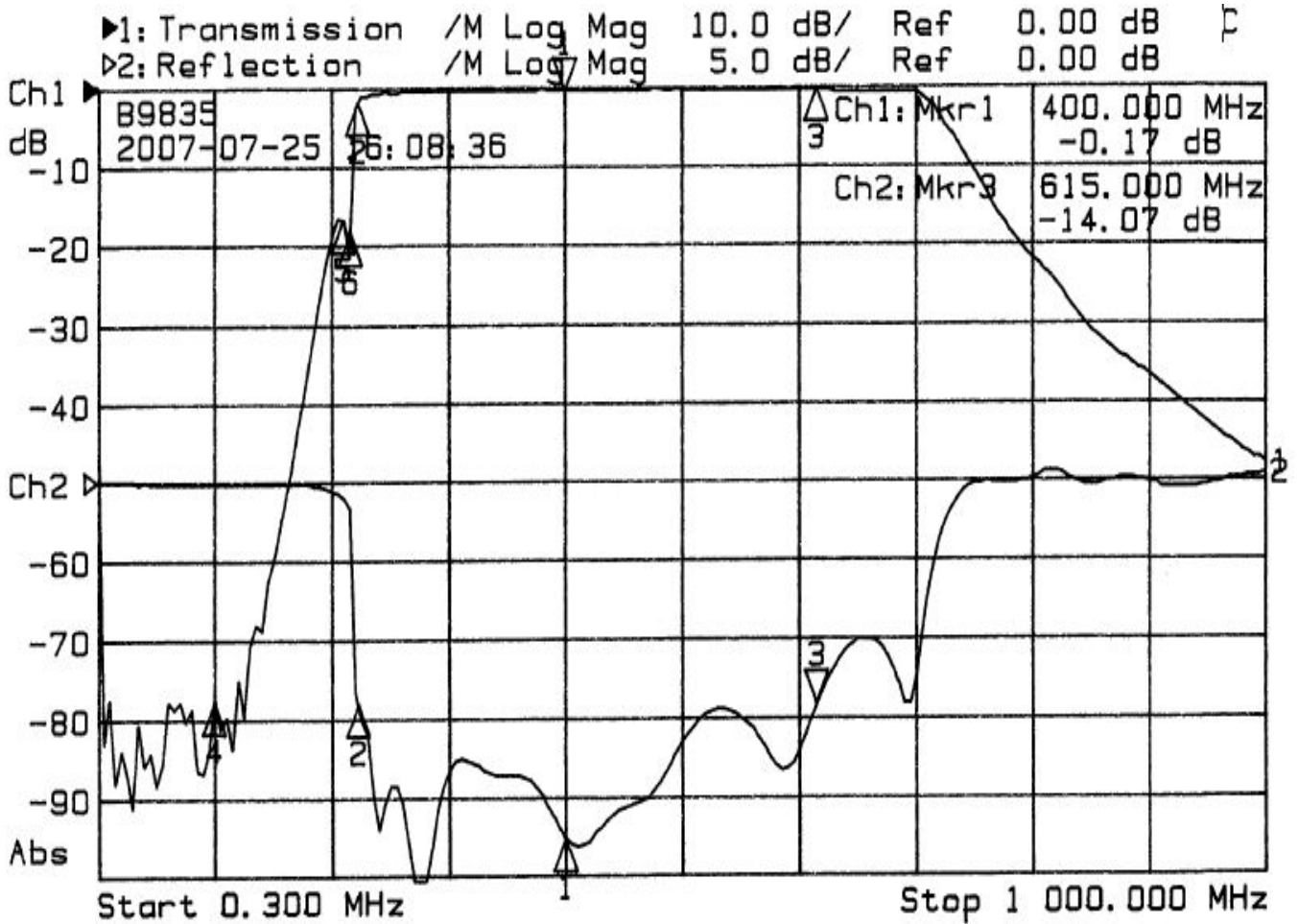
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Response Plot:



1: Mkr (MHz) dB			2: Mkr (MHz) dB		
1>	400.00	-0.17	1:	400.00	-22.60
2:	222.00	-1.95	2:	222.00	-14.08
3:	615.00	-0.25	3>	615.00	-14.07
4:	100.00	-77.81			
5:	210.00	-16.92			
6:	216.00	-18.56			

