



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

8 MHz LC Band Pass Filter

Part Number: AE8B5710



Electrical Specifications

Center Frequency: 8 MHz
3.0dB Passband: >0.15 MHz < 0.3 MHz
Insertion Loss: 6.0 dB Max.
Return Loss: 14.0dB Min.,
Rejection: ≥ 70 dB @ 0-7.5 MHz
Rejection2: ≥ 35 dB @ 7.81 MHz
Rejection3: ≥ 70 dB @ 8.6 MHz

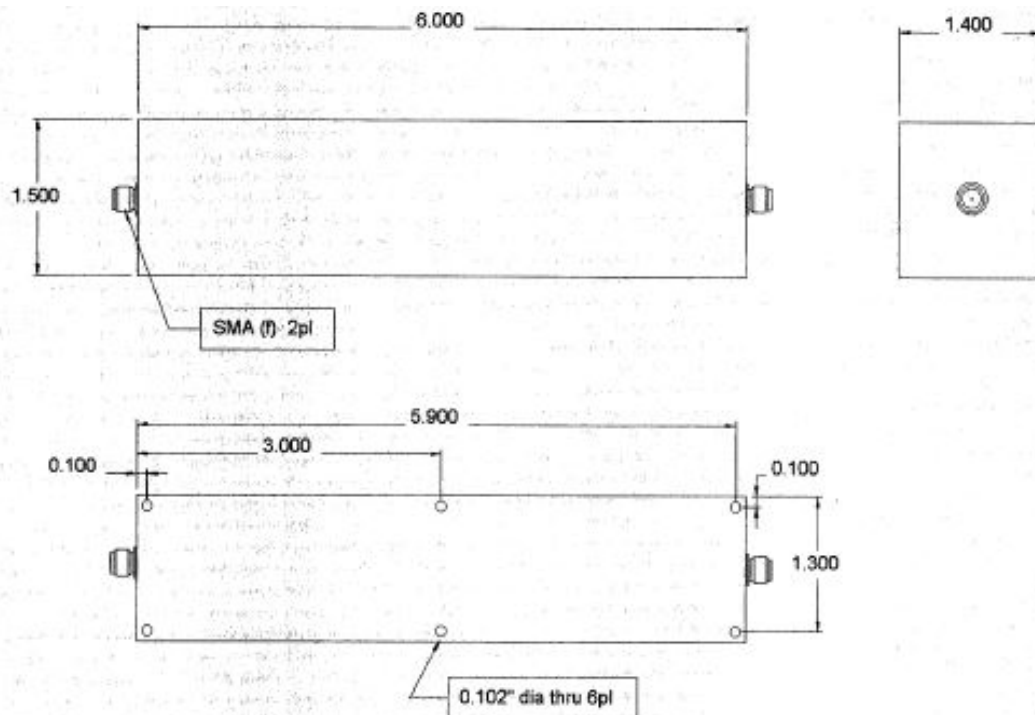
Mechanical

Mounting Method: Through Holes
Connector Type: SMA(F)
Dimensions: 6.0" X 1.5" x 1.4"

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:





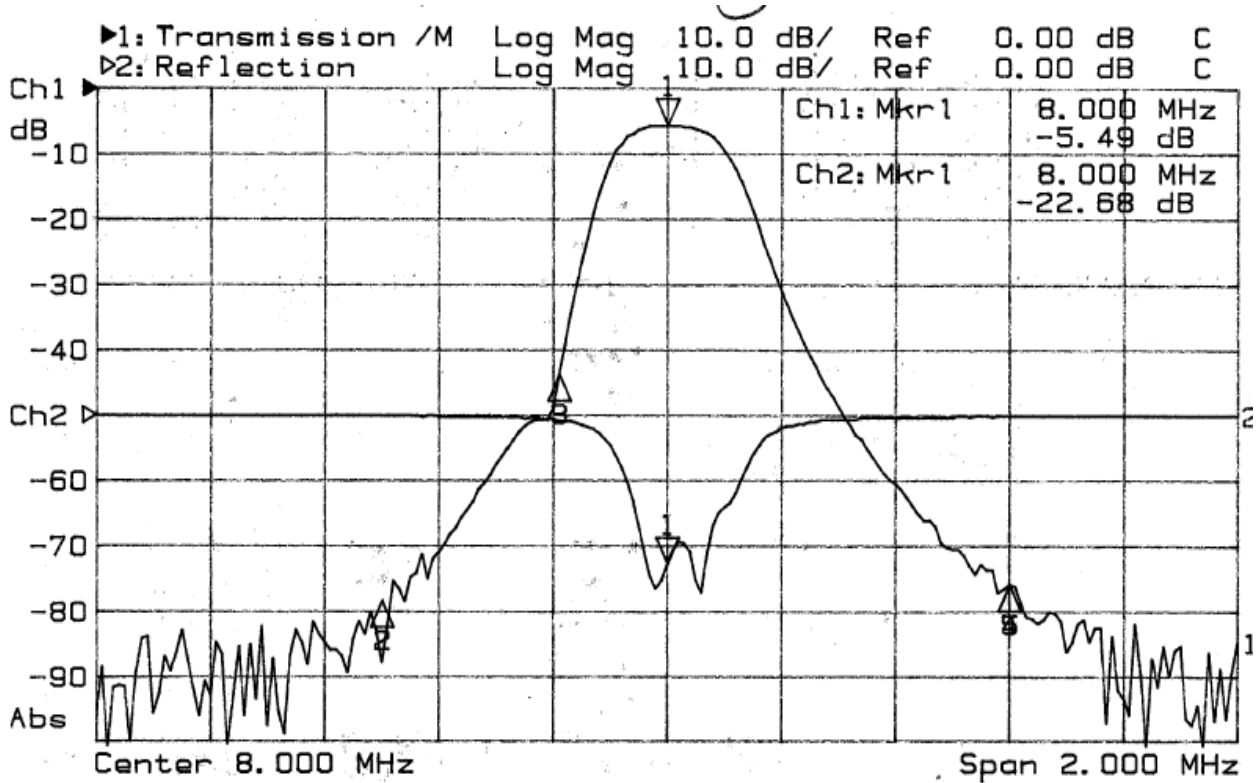
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Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 8.00	-5.49	1> 8.00	-22.68
2: 7.50	-78.50		
3: 7.81	-43.81		
4: 8.60	-76.02		
5: 8.60	-76.02		