



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

70 MHz LC Band Pass Filter

Part Number: AE70B5596



Electrical Specifications

Center Frequency(CF): 70 MHz
3dB Passband: 62.5-77.5 MHz
Insertion Loss @ CF: 3.0 dB Max.
Return Loss: 14 dB Min.
Rejection1: 50 dB Min @ 20 MHz
Rejection2: 50 dB Min @ 120 MHz

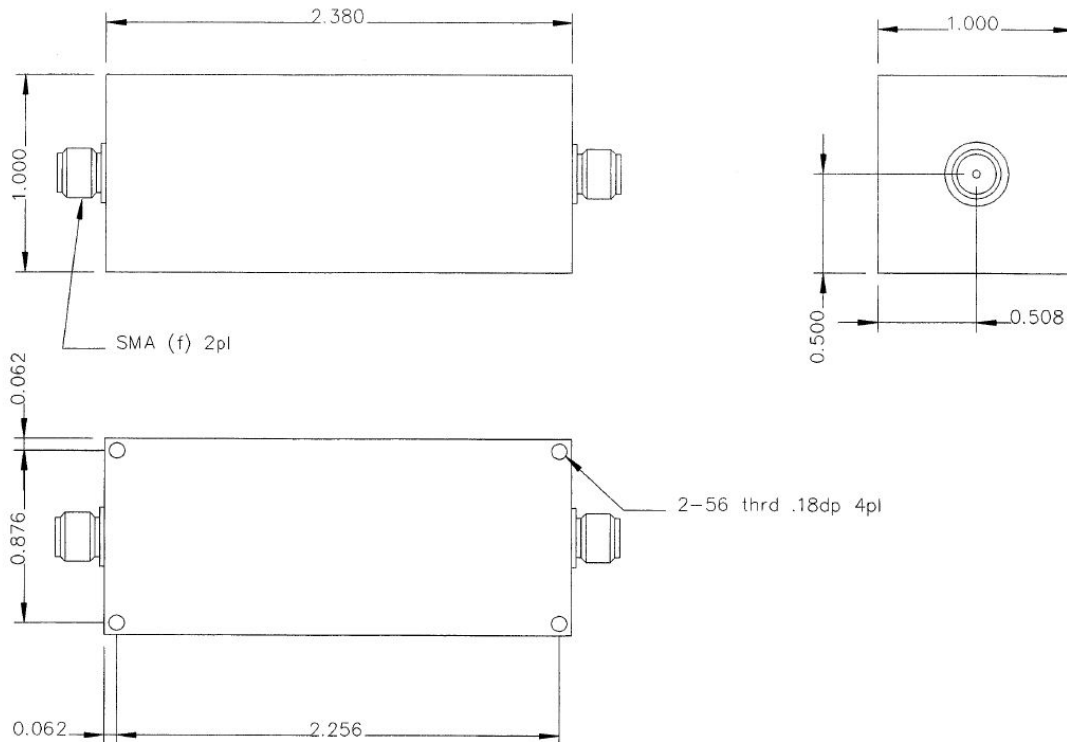
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA(F)
Dimensions: 2.38" X 1.0" x 1.0" .

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:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

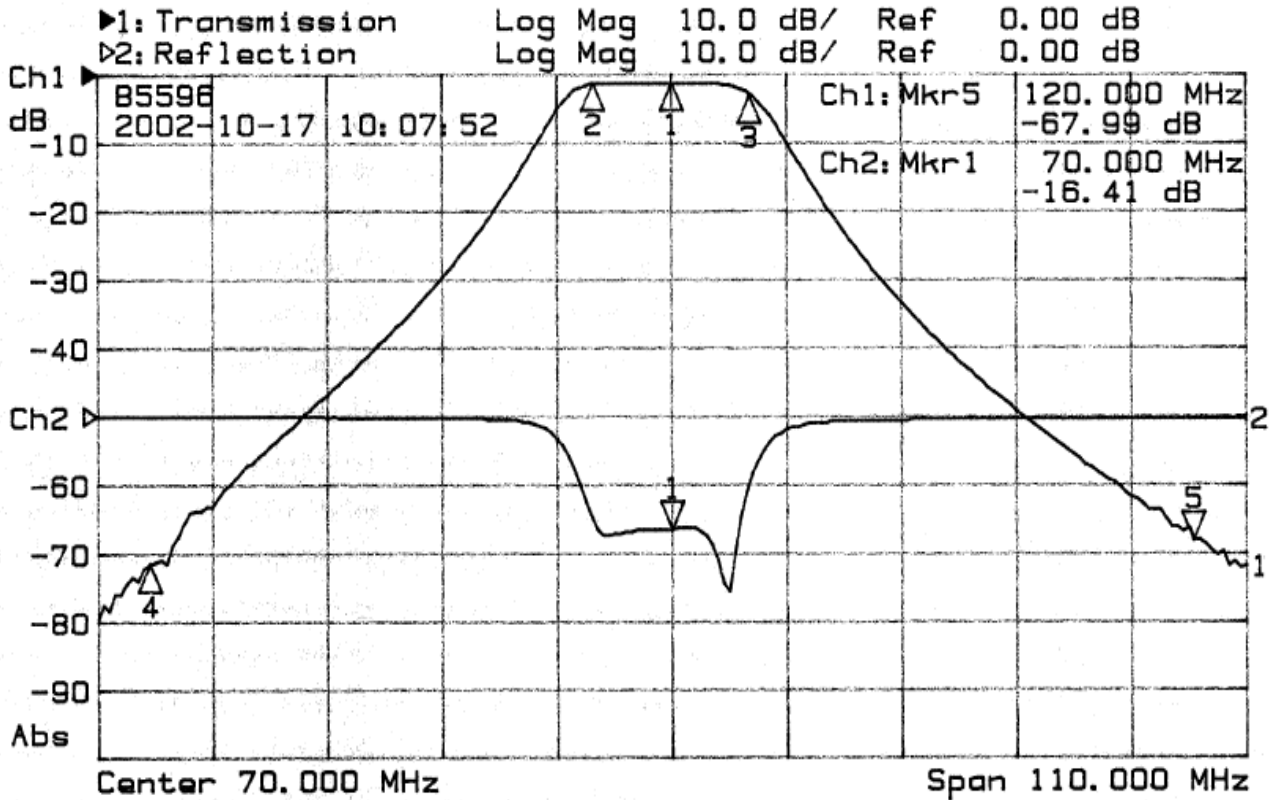
*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1:	70.00	-1.16	
2:	62.50	-1.28	
3:	77.50	-2.99	
4:	20.00	-71.61	
5>	120.00	-67.99	
		1>	70.00 -16.41