



**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

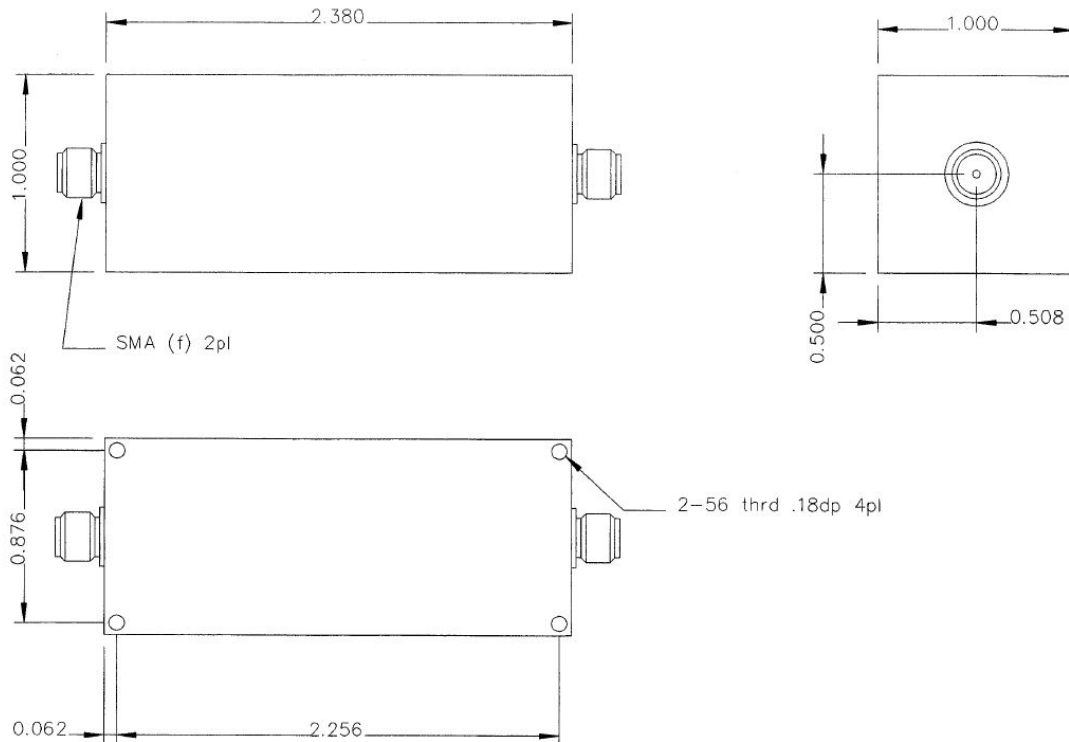
## Mechanical

**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.

**70 Outwater Lane**    **Phone: (973) 772-4242**  
**Garfield, NJ 07026**    **Fax : (973) 321-3941**

**Email: [sales@anatechelectronics.com](mailto:sales@anatechelectronics.com)**  
**Web: [www.anatechelectronics.com](http://www.anatechelectronics.com)**



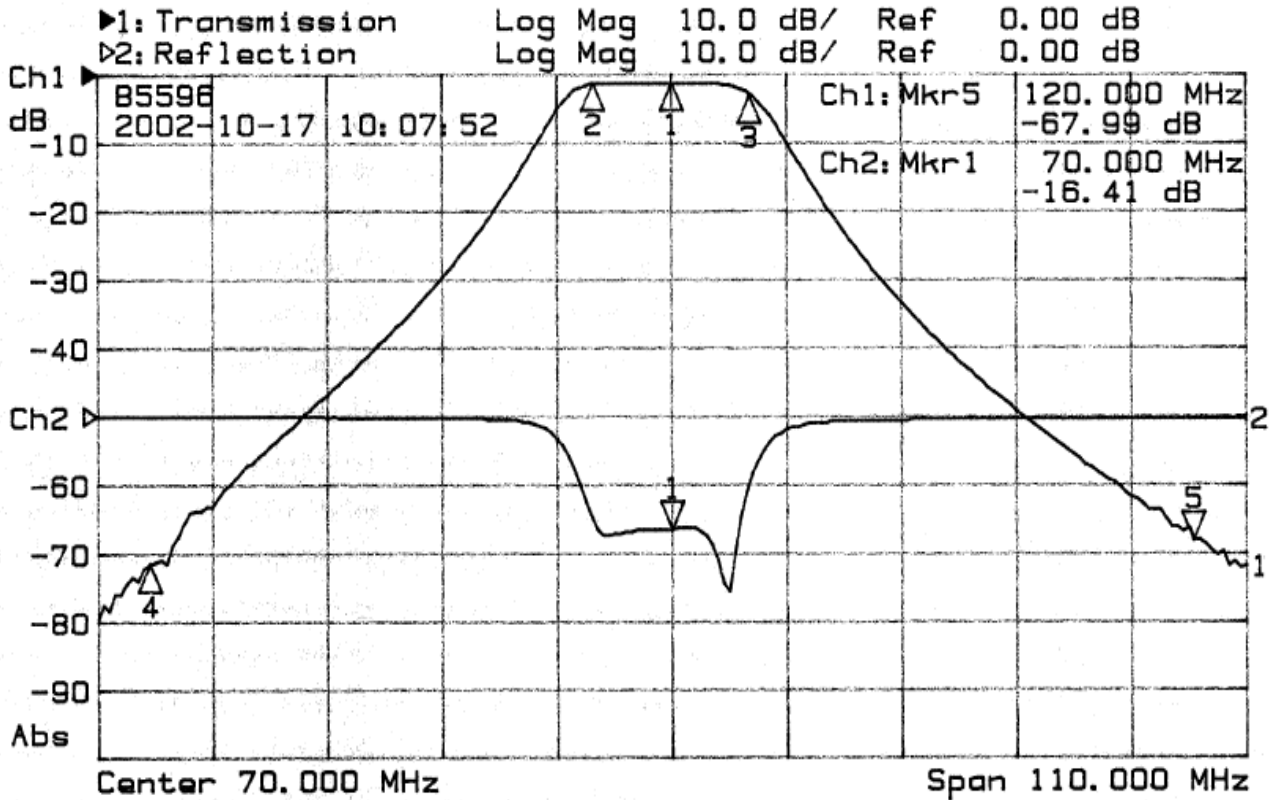
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## Response Plot:



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