



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

16 MHz LC Band Pass Filter

Part Number: AE16B5448



Electrical Specifications

Center Frequency: 16MHz
3dB Passband: 13.44-19.05 MHz Min.
Insertion Loss: 3.0 dB Max.
Return Loss: 14 dB Min.
Rejection1: 40 dB Min. @ 11.36 MHz
Rejection2: 40dB Min. @ 22.53MHz
Power Handling: 10 W

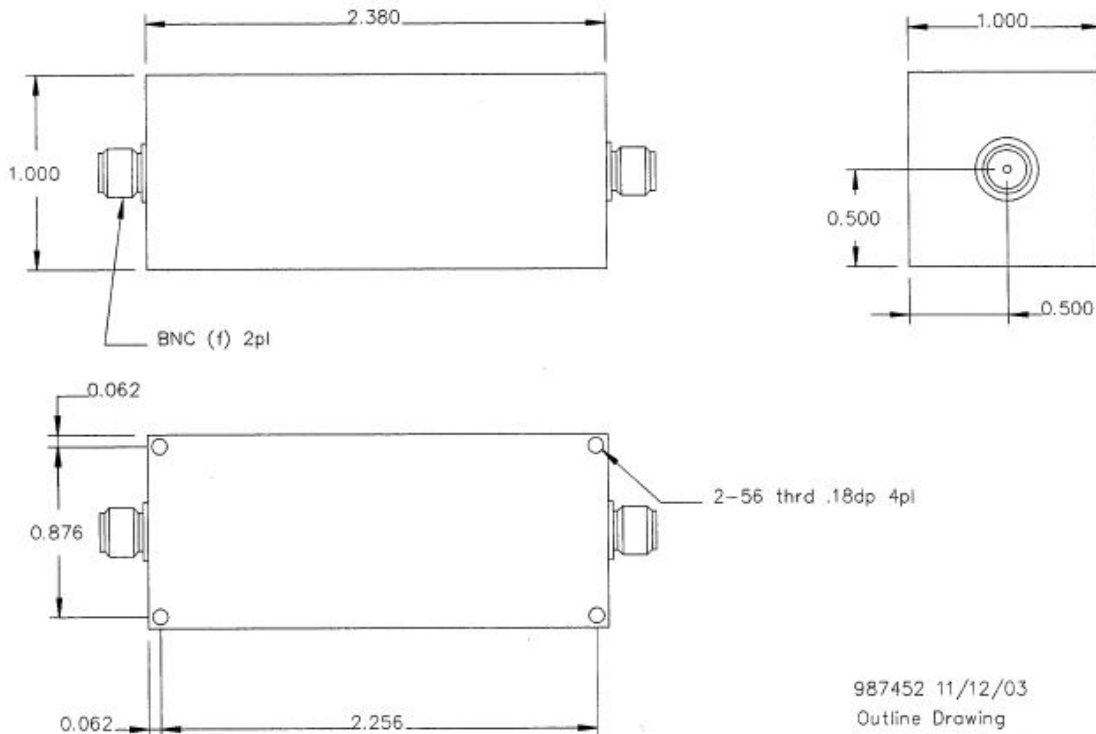
Mechanical

Mounting Method: Threaded 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:



987452 11/12/03
Outline Drawing
Anatech Electronics
(987007)

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

Angles: +/- 1 Deg.

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

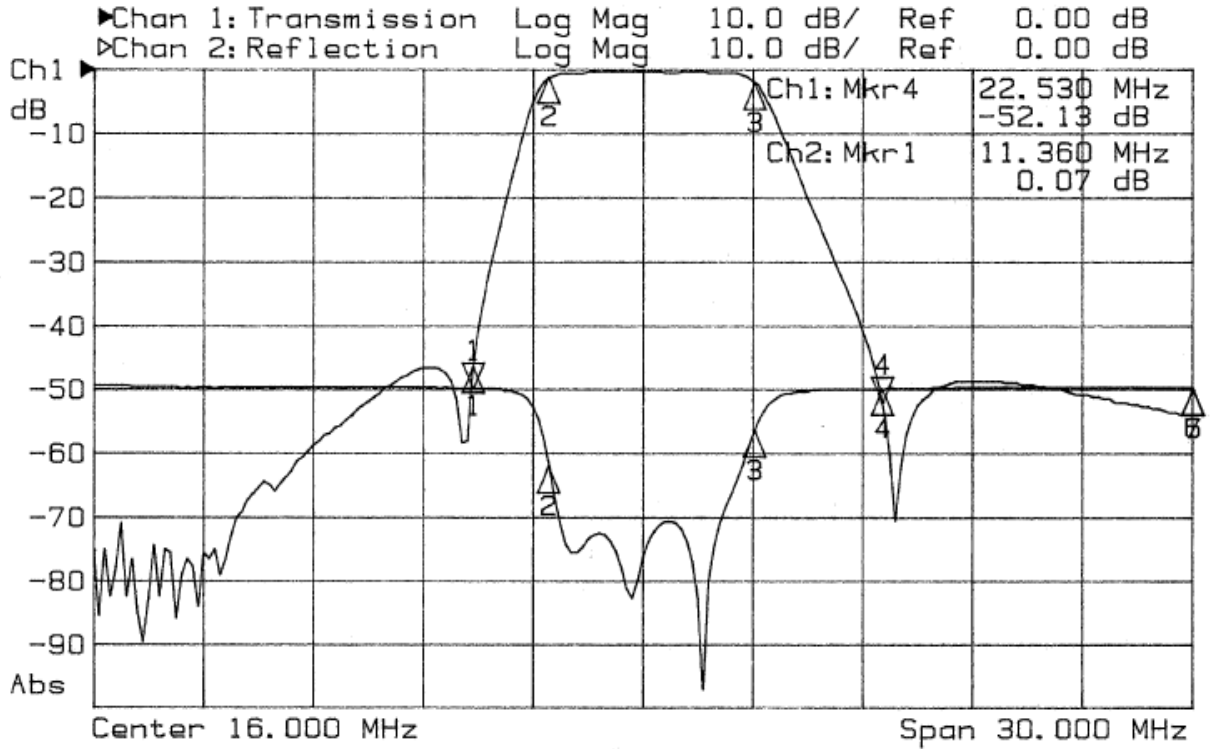
*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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Response Plot:



Marker	Freq (MHz)	Ch 1 (dB)	Ch 2 (dB)
1	11.360	-46.54	0.06
2	13.440	-1.15	-12.05
3	19.050	-2.06	-6.56
4	22.530	-52.13	0.11
5	31.000		0.23
6	31.000		0.23
7	31.000		0.23
8	31.000		0.23