



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

11 MHz LC Band Pass Filter

Part Number: AE11B5471



Electrical Specifications

Center Frequency(CF): 11 MHz
0.5dB Passband: 10.47-11.48 MHz
Insertion Loss : 8.0dB Max.
Return Loss: 14.0dB Min.
Rejection1: 35dB Min. @ 8.8 MHz
Rejection2: 35dB Min. @ 13.4 MHz

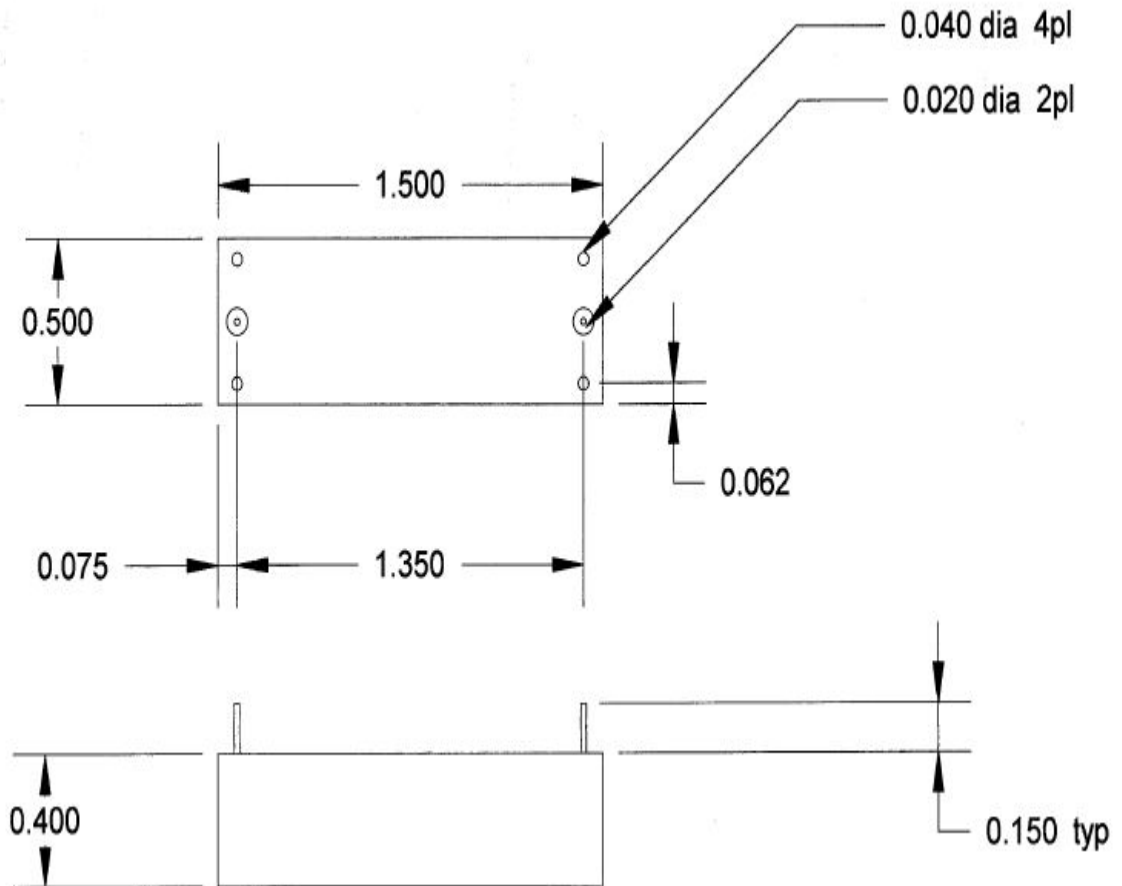
Mechanical

Connector Type: Pc-Mount
Dimensions: 1.5" X 0.5" x 0.4".

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:



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.



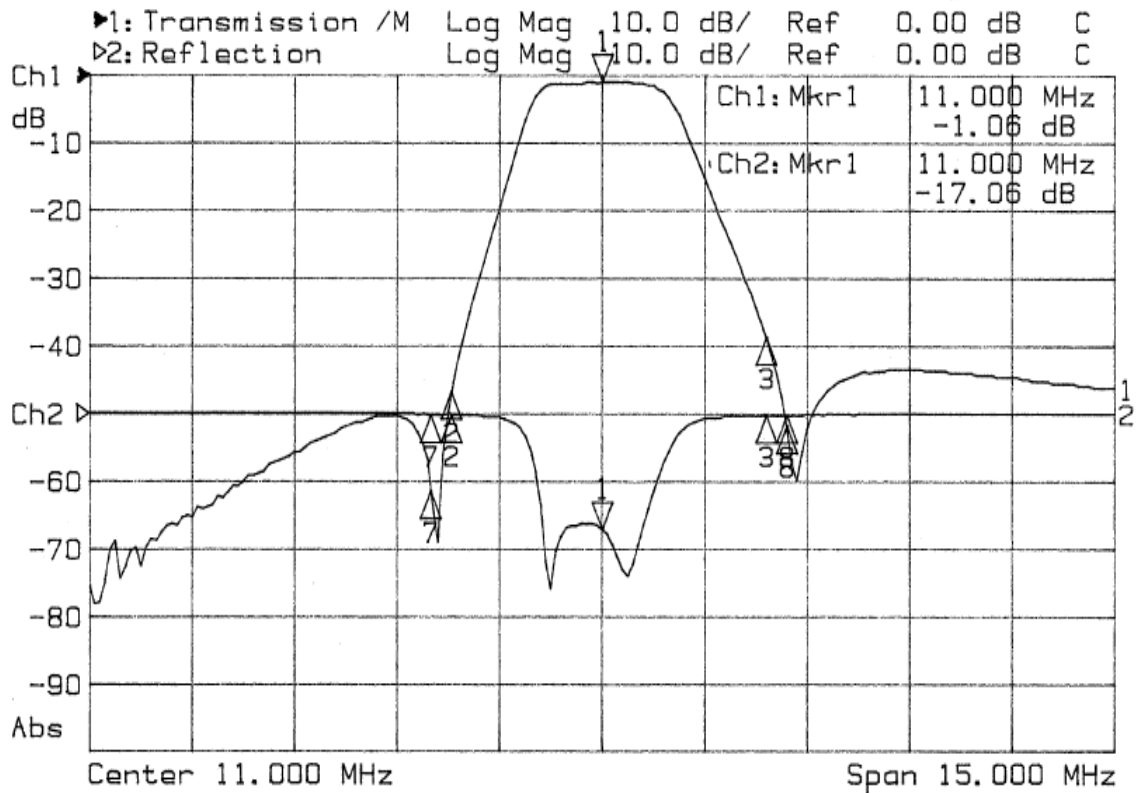
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Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 11.00	-1.06	1> 11.00	-17.06
2: 8.80	-46.75	2: 8.80	-0.19
3: 13.40	-38.88	3: 13.40	-0.23
7: 8.50	-61.61	7: 8.50	-0.22
8: 13.70	-51.99	8: 13.70	-0.22