



**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

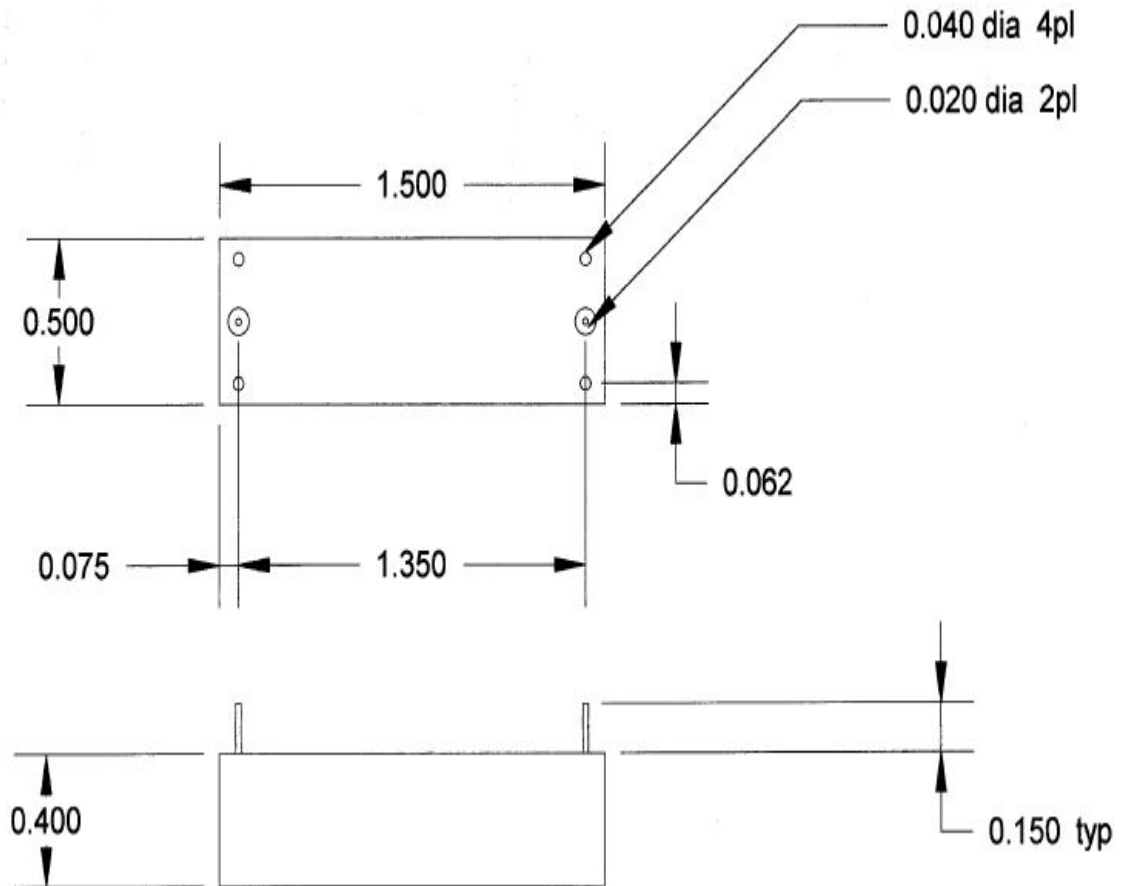
## Mechanical

**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.



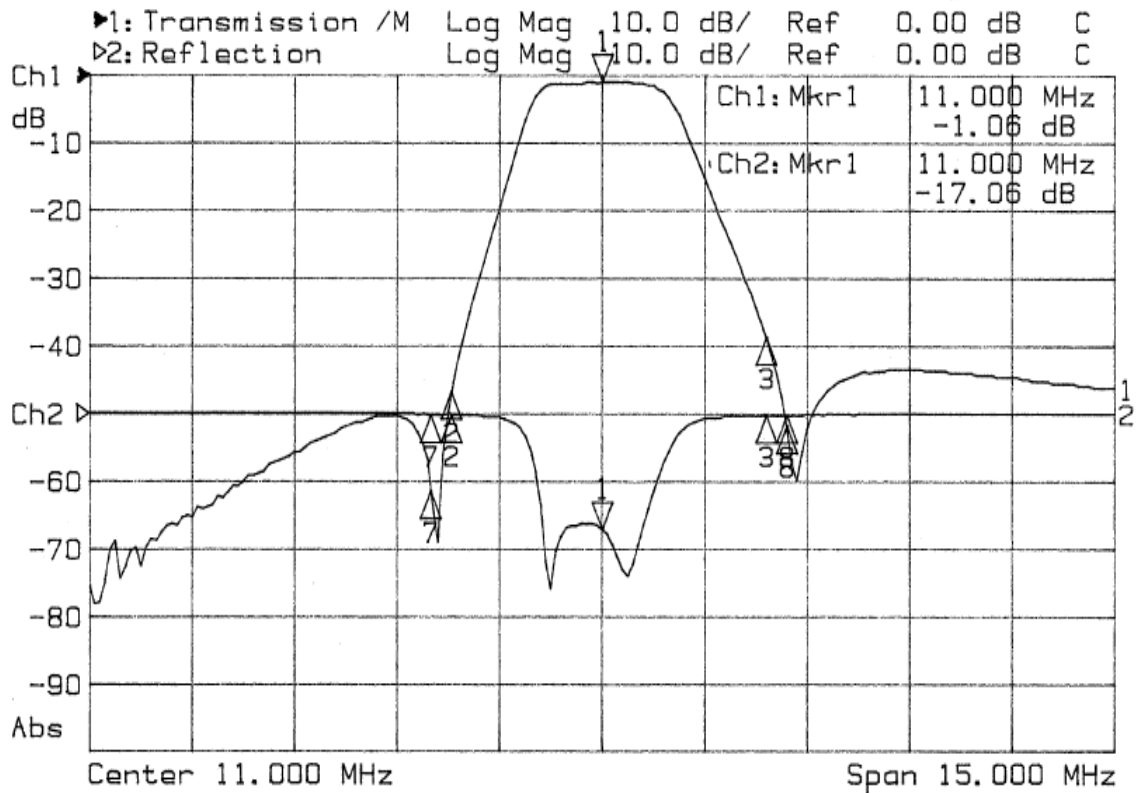
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## Response Plot:



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