



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

7.64 MHz LC Band Pass Filter

Part Number: AE7.64B5467



Electrical Specifications

Center Frequency: 7.64 MHz
0.5dB Passband: 7.24-8.04 MHz
Insertion Loss: 8.0dB Max.
Return Loss: 14.0dB Min.
Rejection1: ≥ 40 dB @ 6.4 MHz
Rejection2: ≥ 40 dB @ 9.1 MHz
Impedance: 50 Ohms

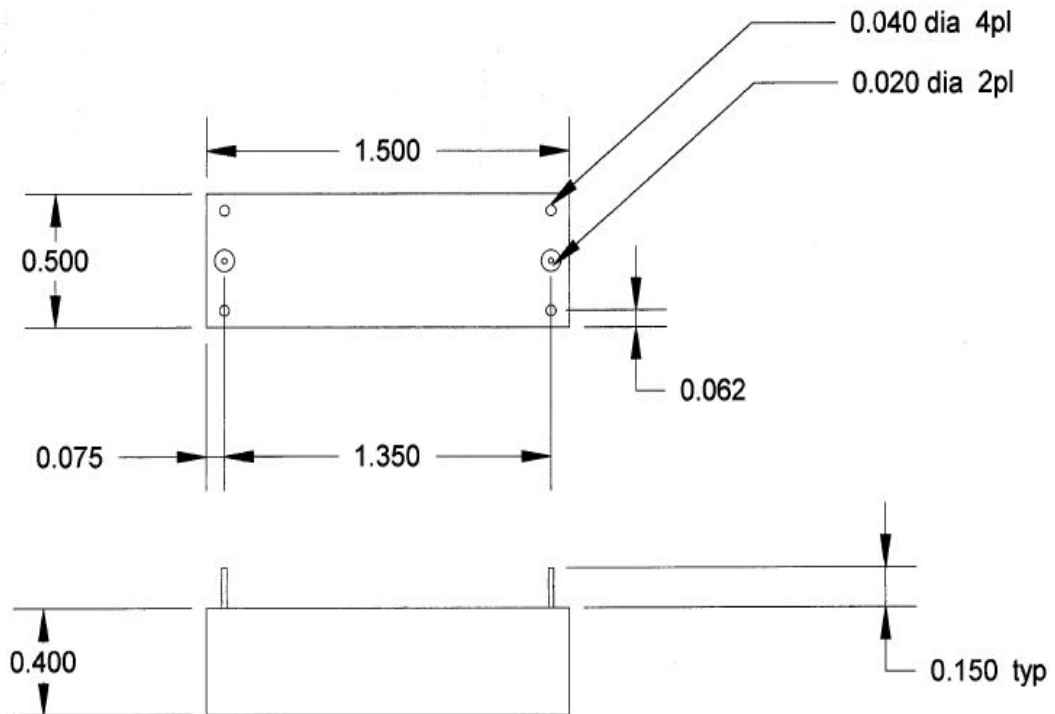
Mechanical

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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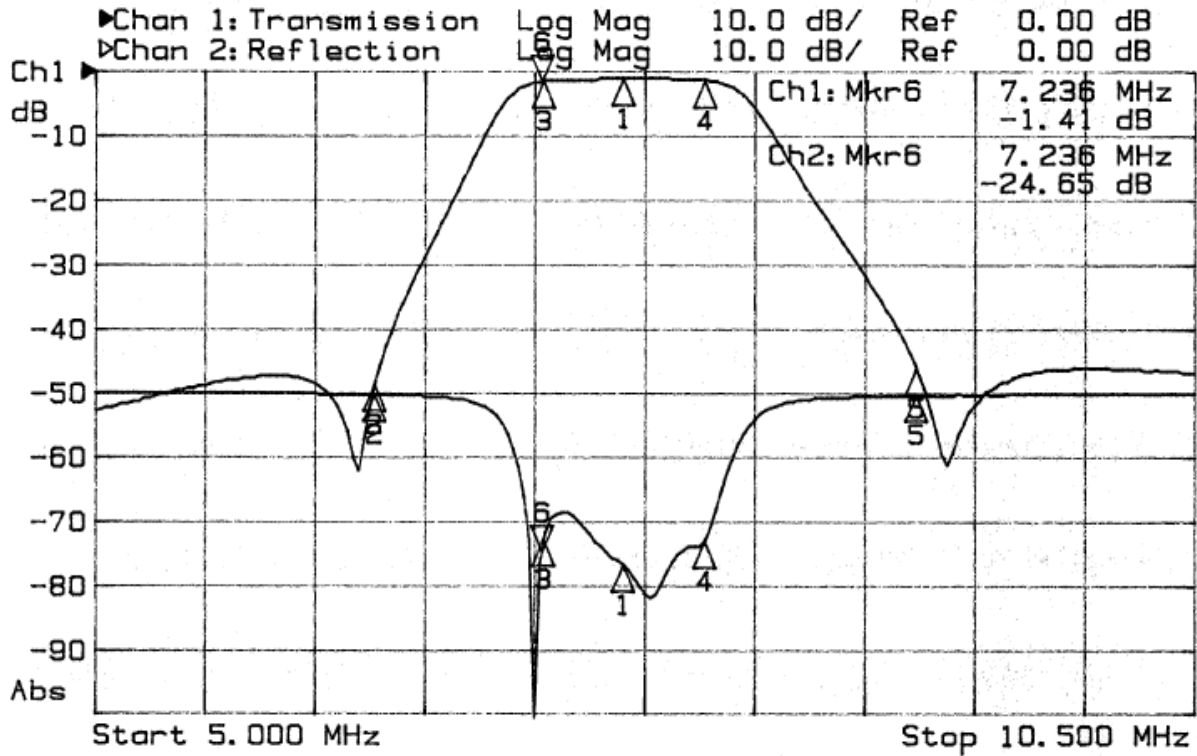
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Response Plot:



Marker	Freq (MHz)	Ch 1 (dB)	Ch 2 (dB)
1	7.640	-1.05	-26.69
2	6.400	-48.52	-0.26
3	7.248	-1.37	-22.63
4	8.048	-1.34	-22.89
5	9.105	-45.97	-0.25
6	7.236	-1.41	-24.65
7			
8			