



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

181 MHz LC Band Pass Filter

Part Number: AE181LB12049



Electrical Specifications

Center Frequency: 181 MHz 3d
Band Passband: 152.7-216 MHz
Insertion Loss: 3.0dB Max.
Return Loss: 14.0dB Min.
Rejection Frequency: 40dB Min @ 128.6MHz
Rejection Frequency: 40dB Min @ 255 MHz
Impedance: 50 Ohms in/out
Power Handling: 10 Watts

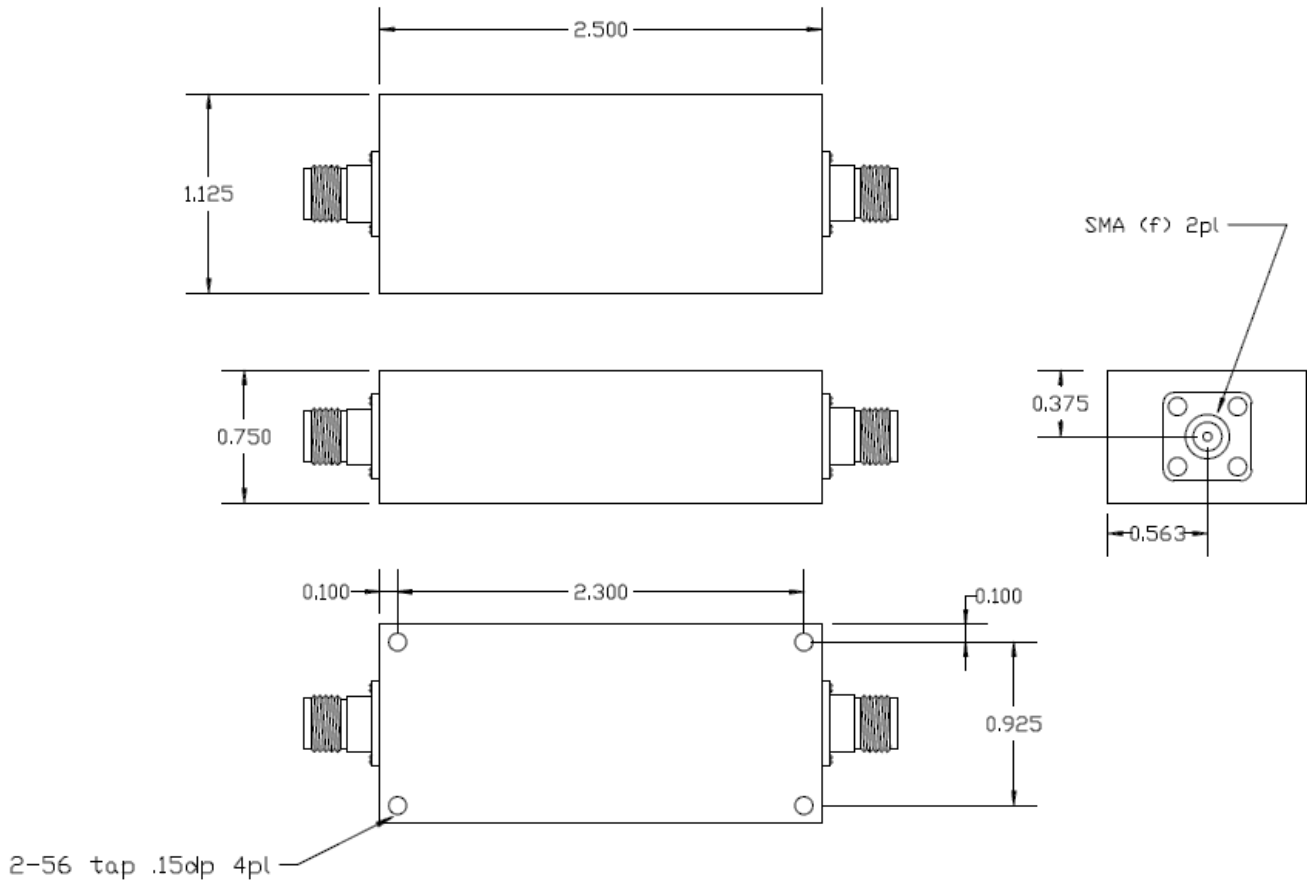
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA (F)
Dimensions: 2.5" x 1.125" x 0.75" in.

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.

DS-LB12049-10052023-Rev0

*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
Web: www.anatechelectronics.com



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Response Plot:



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