



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

175 MHz LC Lowpass Filter

Part Number: AE175L9285



Electrical specifications

Cutoff Frequency (FC): 175 MHz

Passband: DC-175 MHz MHz

Insertion loss @ Cutoff : 2.0 dB Max

Insertion Loss in Passband: 1.0 dB

Return loss : 14 dB Min.

Rejection: >30 dB @ 200 MHz

Rejection: >60 dB @ 237-1000 MHz

Power Handling: 10 Watts

Mechanical

Mounting Method: Threaded holes

Connectors: SMA (F)

Dimensions: 2.0 x 0.5 x 0.4 max Inches

Environmental

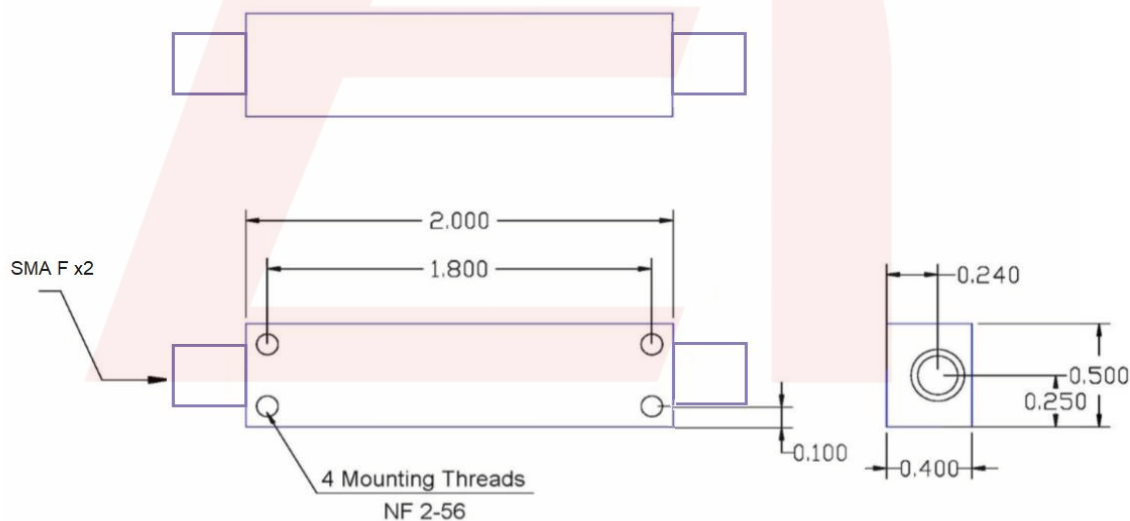
Operating Temperature: -40° C to +70° C

Storage Temperature: -50° C to +80° C

Shock: 5G. 11ms

Vibration: 5G 0.5 to 200 Hz

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:

