



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 650 MHz LC Lowpass Filter

**Part Number: AE650L8826**



## Electrical specifications

**Cutoff Frequency (FC):** 650 MHz  
**Passband:** 0-650 MHz  
**Insertion loss:** 1 dB Max  
**Return loss:** 15 dB Min  
**Rejection @ 800-1900 MHz:** 50 dB Min  
**Impedance:** 50 Ohms In/Out  
**Power Handling:** 50 W

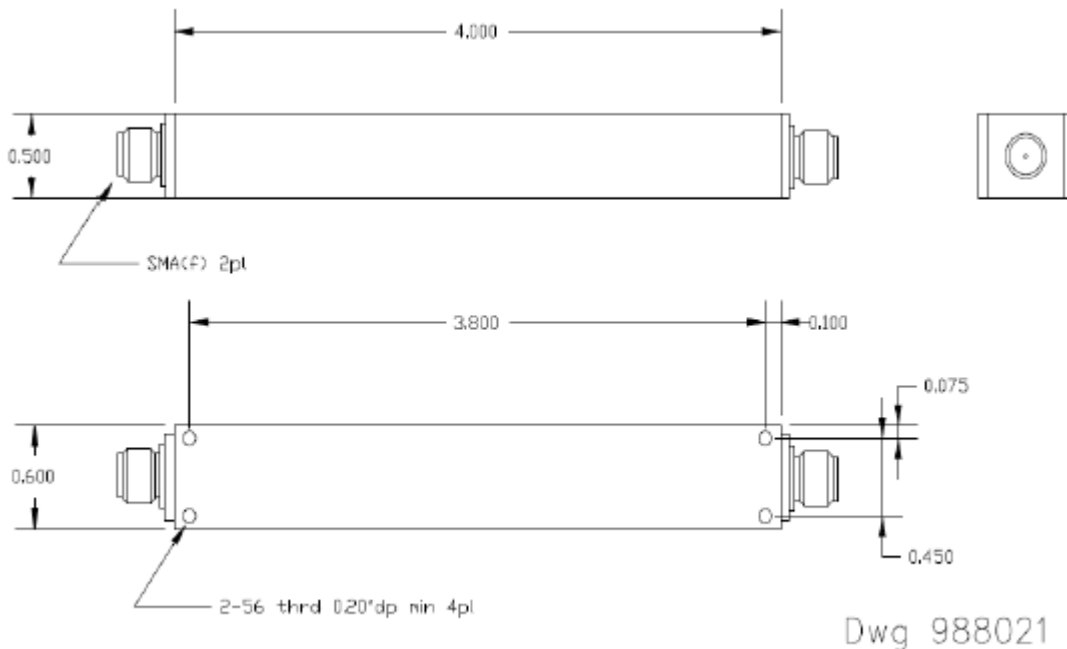
## Mechanical

**Mounting Method:** Threaded Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 4 x 0.6 x 0.50 Inches

## Environmental

**Operating Temperature:** -40 to +70° C  
**Storage Temperature:** -40 to +85° C  
**Shock:** 10 G. 11 ms  
**Vibration:** 10 G. 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:**

