



# 130-1000 MHz High Pass Filter



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

**Part Number: AE120H9848**

## Electrical Specifications

**Cut Off Frequency(3dB):** 120 MHz  
**1dB Passband :** 130-1000 MHz  
**Insertion Loss :** 1.0 dB Max @ 130-1000 MHz  
**Return Loss1 :** 14dB Min @ 130-500 MHz  
**Return Loss2 :** 12dB Min @ 500-1000 MHz  
**Rejection:** 20dB Min. @ 88-110 MHz  
**Impedance:** 50 Ohms

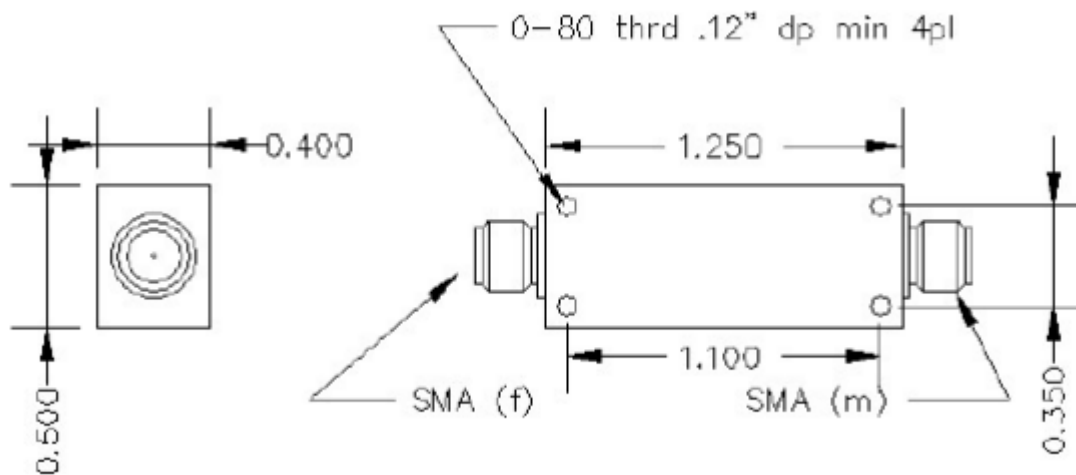
## Mechanical

**Mounting Method:** Threaded Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 1.25 x 0.55 x 0.4 in.

## Environmental

**Operating Temperature:** -40° to +80° C  
**Storage Temperature:** -45° to +85° C  
**Shock:** 10 G. 11ms  
**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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