

# 50 MHz LC High Pass Filter

Part Number: AE50H9916



### **Electrical Specifications**

Cut Off Frequency: 50 MHz

Pass Band Frequency: 50-1300 MHz Insertion Loss @ 50-500 MHz:≤1.0dB Insertion Loss @ 500-1300 MHz:≤1.75dB

Rejection: ≥55dB @ 30 MHz

Impedance: 50 Ohms

## **Mechanical**

**Mounting Method:** Threaded Holes

**Connector Type:** N-Type(F)

**Dimensions:** 2.5 x 1.125 x 0.75 in.

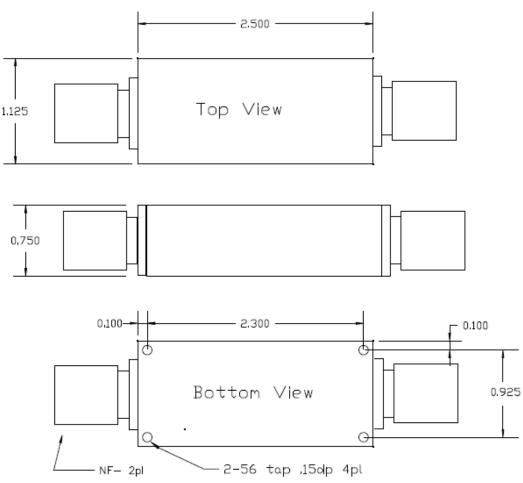
## **Environmental**

**Operating Temperature:** -30° to +70° 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.

70 Outwater Lane Phone: (973) 772-4242 Email: <a href="mailto:sales@anatechelectronics.com">sales@anatechelectronics.com</a> Web: <a href="mailto:swww.anatechelectronics.com">www.anatechelectronics.com</a>

<sup>\*</sup>Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

<sup>\*</sup>When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.