



**Electrical specifications**

**Center frequency (Fc):** 27.3 MHz  
**Insertion loss @ Fc:** 5 dB Max.  
**=< 3 dBc @** 26.63 MHz  
**=< 3 dBc @** 27.95 MHz  
**Return loss:**15 dB Min @ 27-27.6 MHz  
**Rejection 1:** 50 dB Min @ 0-25.25 MHz  
**Rejection 2:** 50 dB Min @ 29.36-250 MHz  
**Power Handling :** 20 Watts

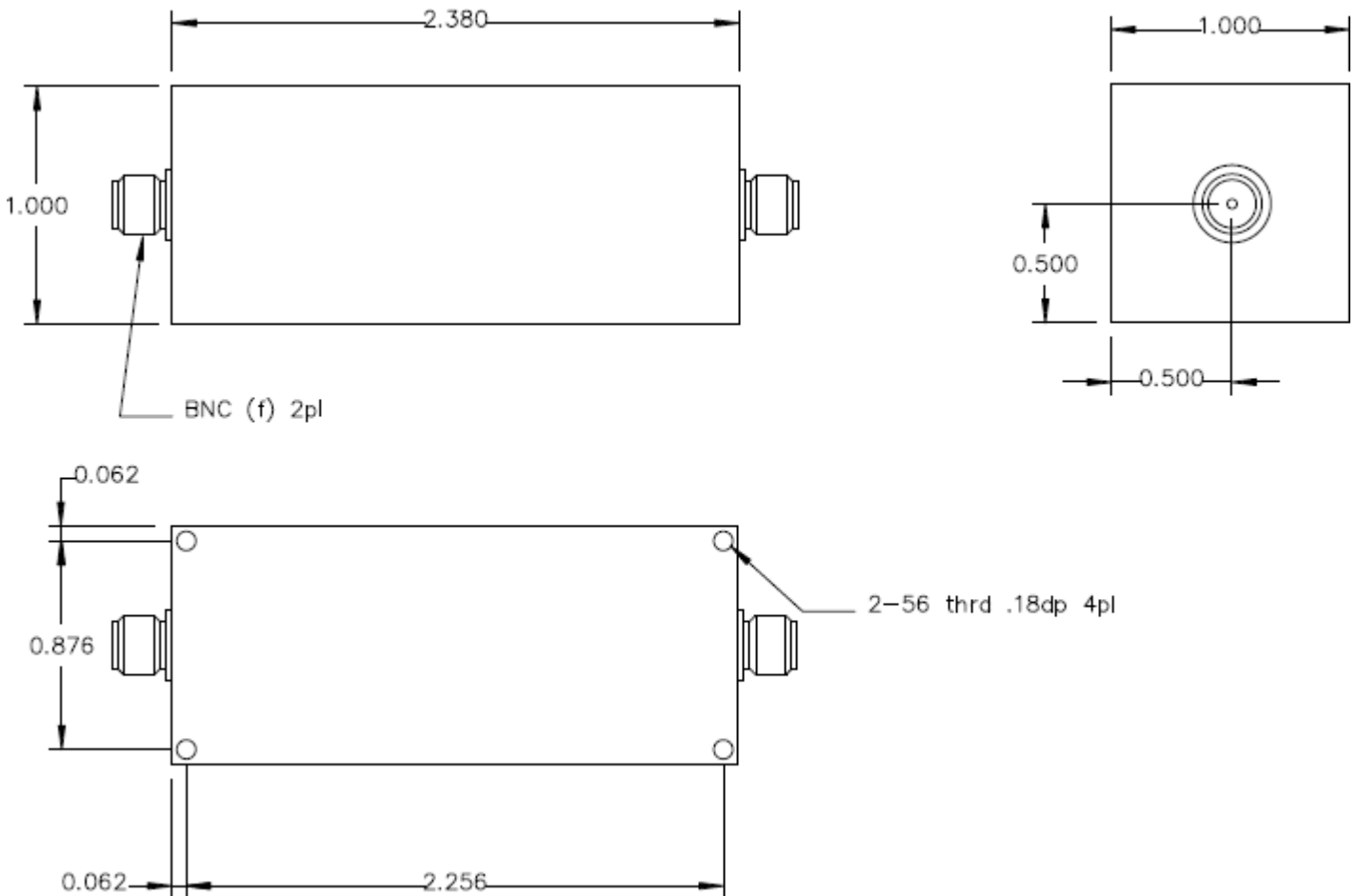
**Mechanical**

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** BNC Female  
**Dimensions:** 2.38" X 1.00" X 1.00" in

**Environmental**

**Operating Temperature:** -45 to +85° C  
**Storage Temperature:** -55 to +95° C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200 MHz

**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.**



# 27.3 MHz LC Bandpass Filter

Part Number:AE27B8880



## Response Plot:

