



## 27.3 MHz LC Bandpass Filter

Part Number:AE27B8880



### 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

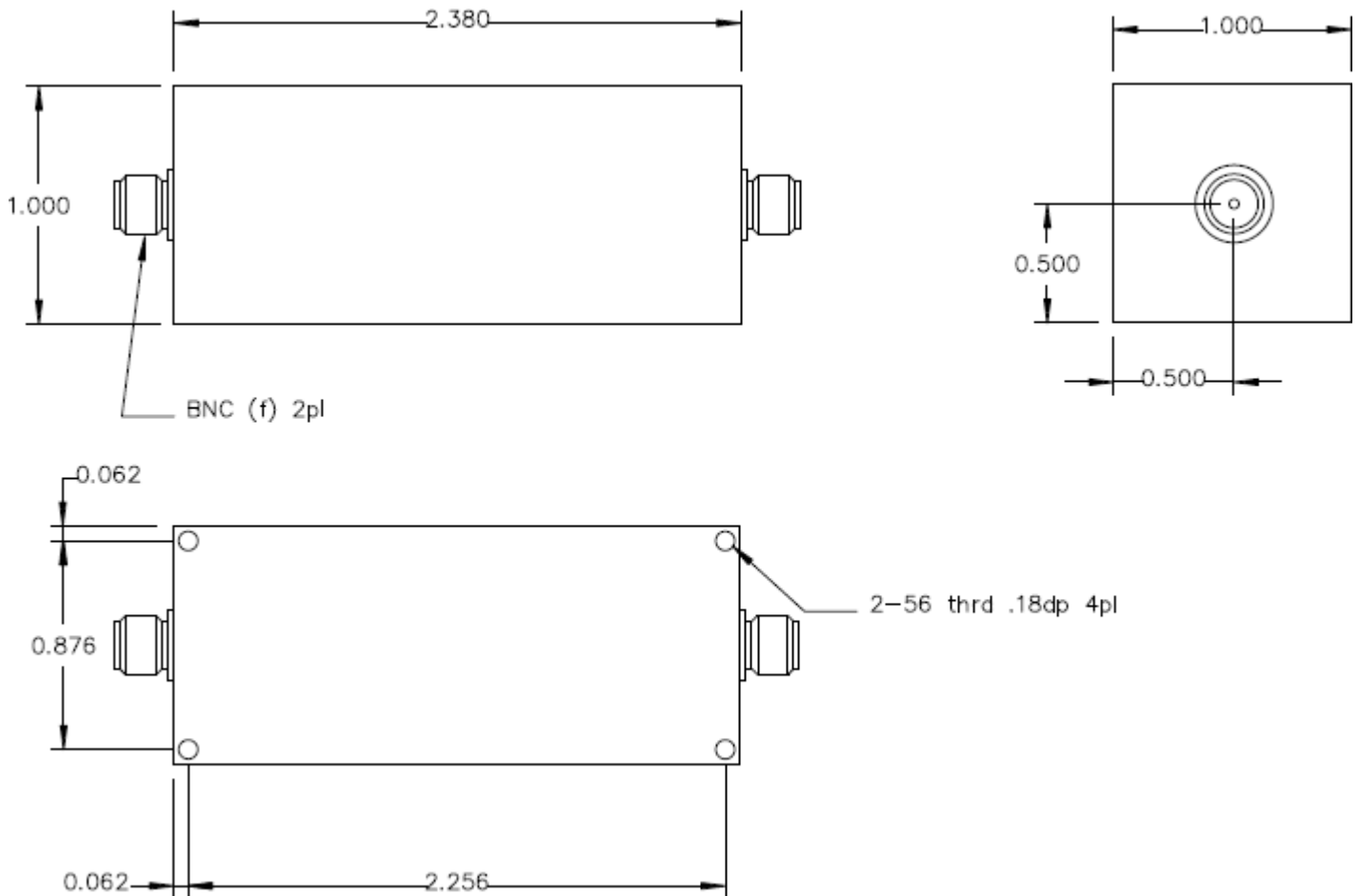
**Operating Temperature:** -45 to +85° C

**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.



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## Response Plot:

