



**Electrical Specifications**

**Center Frequency:** 30 MHz  
**1 dB Bandwidth:** 5 MHz  
**Insertion Loss:** 3.0 dB Max  
**Return Loss:** 14 dB Min  
**Rejection Frequency:** 60 dB Min @ 20MHz  
**Rejection Frequency:** 60 dB Min @ 40MHz  
**Rejection Frequency:** 60 dB @ 1000 MHz  
**Impedance:** 50 ohms In/Out  
**Power Handling:** 1 W Max

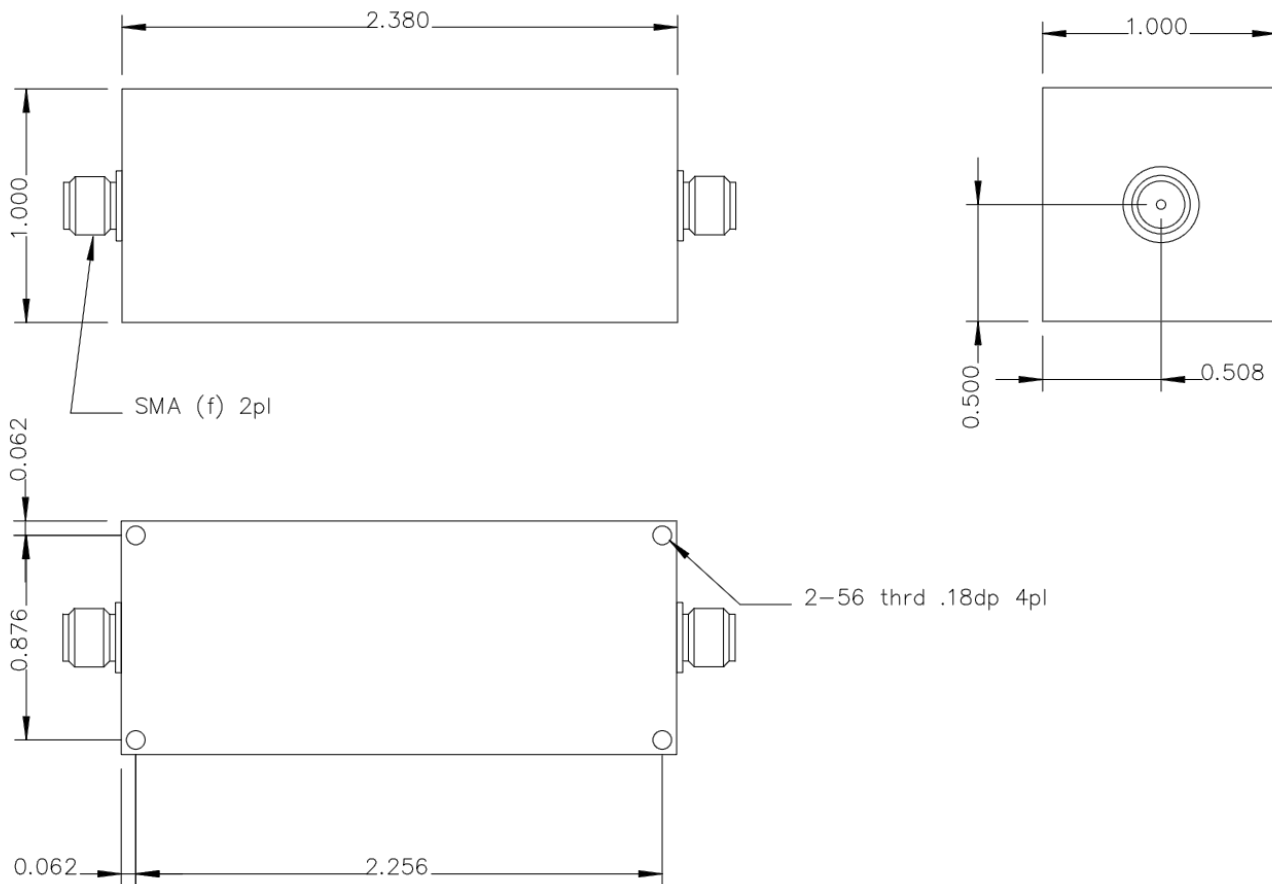
**Mechanical**

**Mounting Method:** Threaded Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 2.38" x 1.0" x 1.0" in.

**Environmental**

**Operating Temperature:** 0°C to +65°C  
**Storage Temperature:** -45°C to +85°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200 Hz

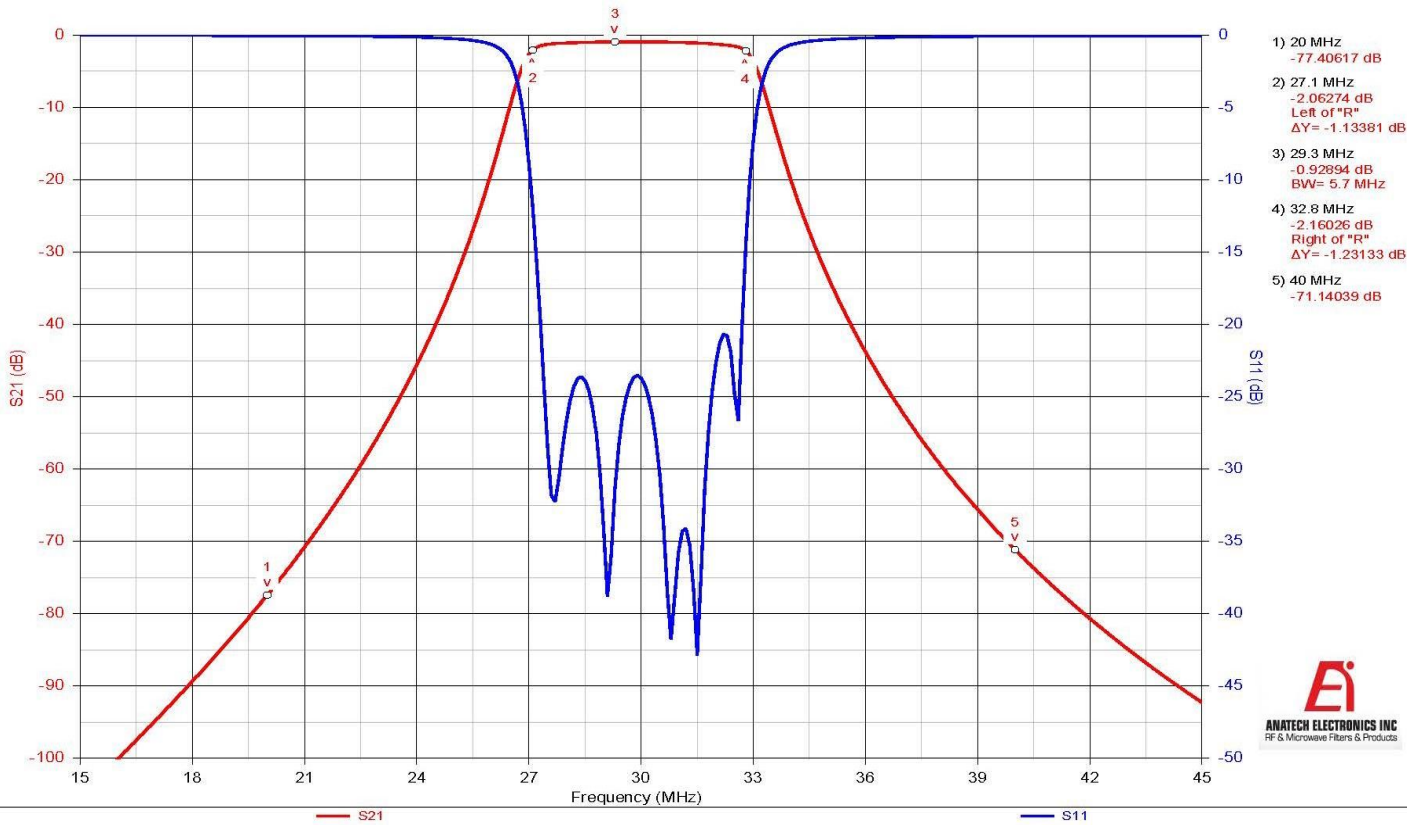
**Outline Drawing:**



DS-LB12131-03132024-Rev1



### Simulation Plot:



Note: This is a simulation Plot. Actual response plot might differ.