



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

# 1600 MHz LC Bandpass Filter

## Part Number: AE1600LB12011



### Electrical Specifications

**Center Frequency:** 1600 MHz  
**Bandwidth:** 800 MHz  
**Passband:** 1200 – 2000 MHz  
**Return Loss:** 12 dB Min  
**Insertion Loss:** 1.25 dB max.  
**Rejection Frequency:** 55 dB @ 0.8 GHz  
**Rejection Frequency:** 55 dB @ 2.4 GHz  
**Impedance:** 50 Ohms In/Out  
**Power Handling:** 5 W CW

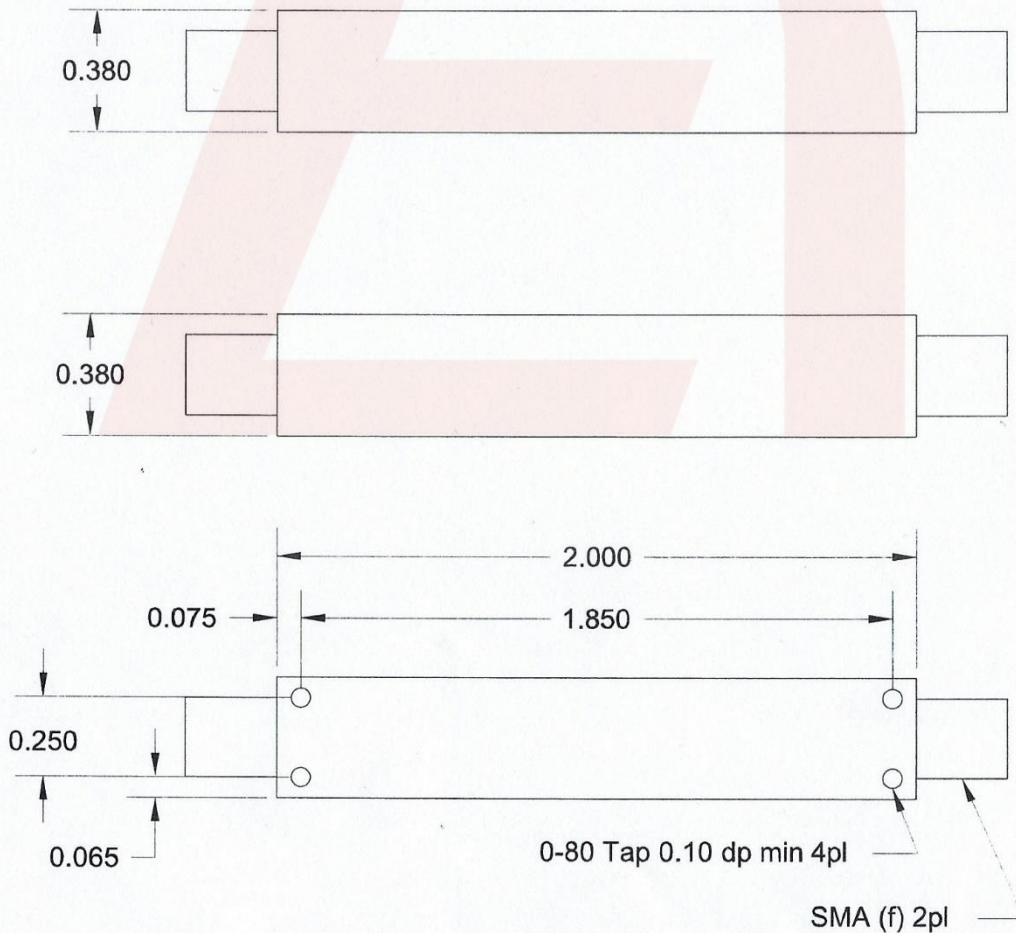
### Mechanical

**Mounting Method:** Threaded Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 2.0 x 0.38 x 0.38 in

### Environmental

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +95°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 2000Hz

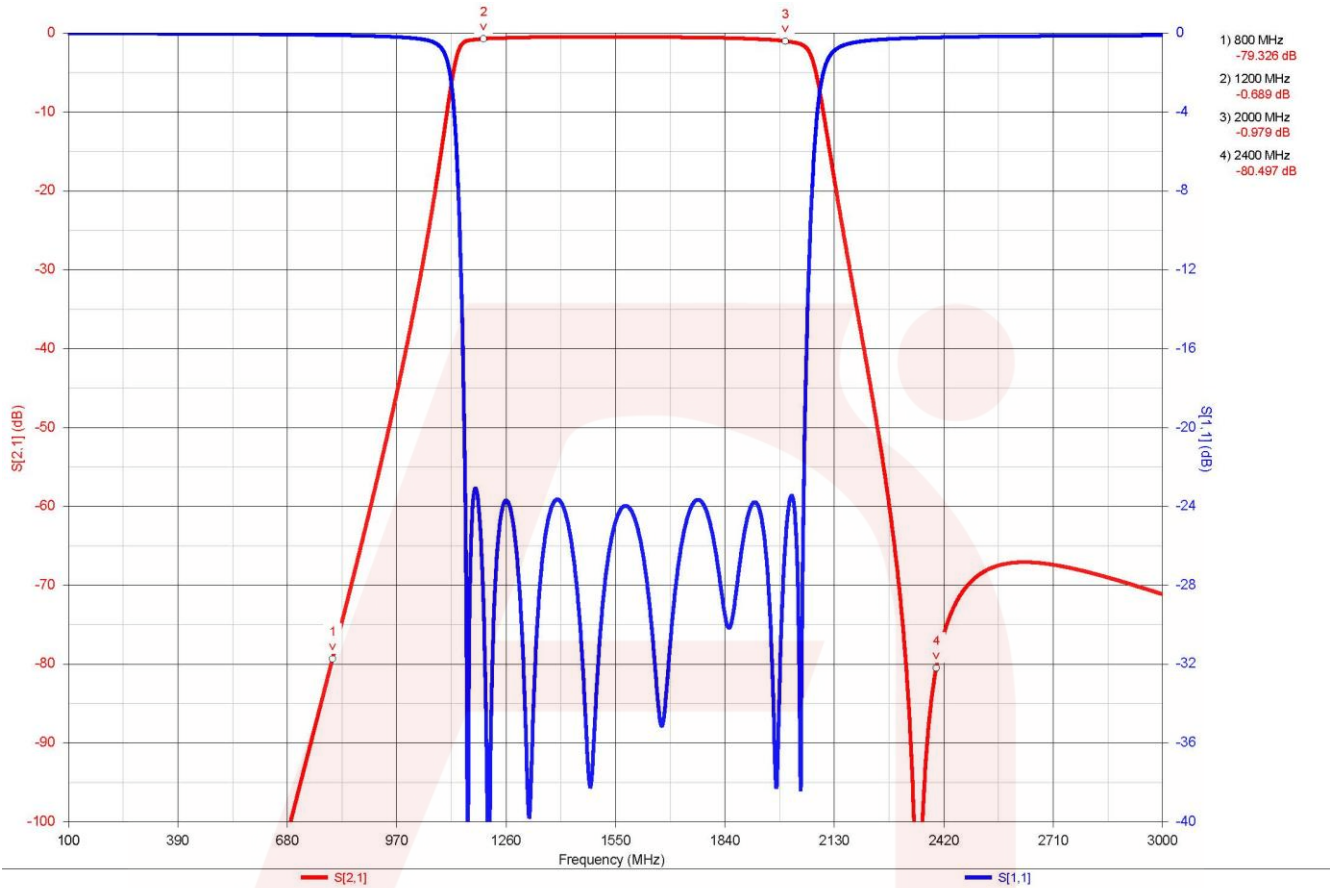
### Outline Drawing:



DS-LB12011-06022023-Rev1



### Simulation Plot:



Note: This is a simulated response plot. Actual performance might differ.