



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

## 520 MHz LC Low Pass Filter

Part Number: AE520L9243



### Electrical Specifications

**1-dB Cutoff Frequency:** 520 MHz  
**Passband Insertion Loss:** 1dB Max.  
**Return Loss:** 14dB Min.  
**Rejection:** 40dB Min. @ 600 MHz  
**Impedance:** 50 Ohms  
**Power Handling:** 50 Watts

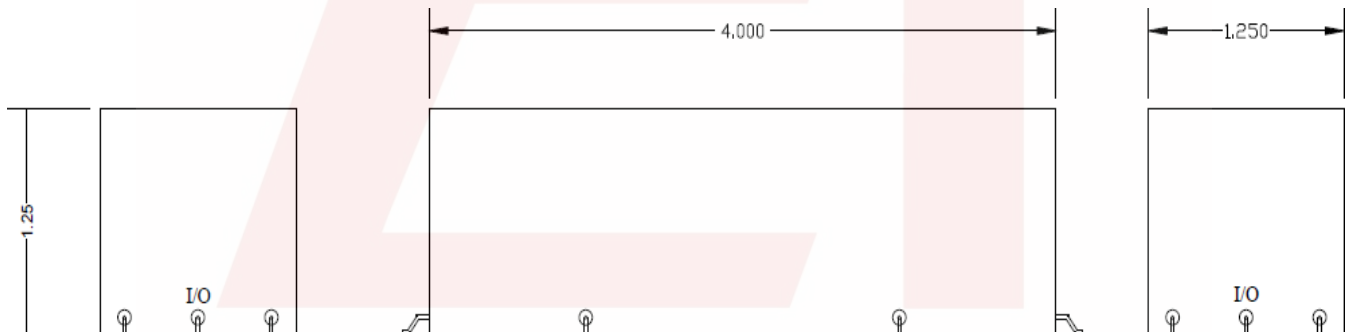
### Mechanical

**Connector Type:** SMT  
**Dimensions:** 4.0" X 1.25" x 1.25" in.

### Environmental

**Operating Temperature:** -40°C to +70°C  
**Storage Temperature:** -55°C to +85°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200 Hz

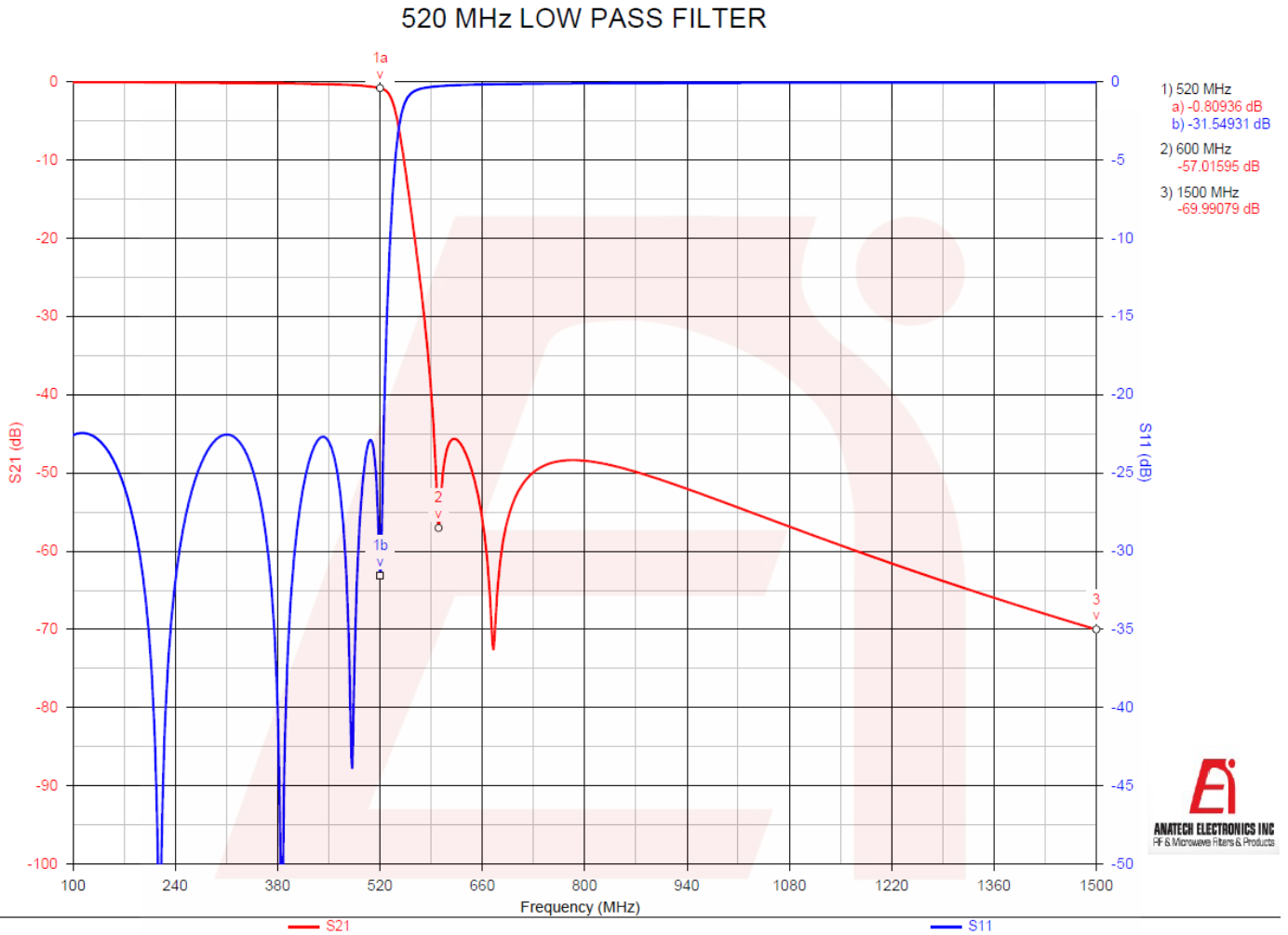
### Outline Drawing:



DS-L9243-01232019-Rev0



### Simulation Plot:



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