



### Electrical Specifications

**Center Frequency:** 123.5 MHz  
**3 dB Bandwidth (BW):**  $F_0 \pm 0.5\text{MHz}$  (123-124 MHz)  
**Insertion Loss:** 3.5 dB Max @ 123.5 MHz  
**Return Loss @ 120 MHz :** 15 dB Min  
**Attenuation:** > 18dBr @ 122.5 MHz & 124.5 MHz

**Impedance:** 50 Ohms  
**Power Handling:** 25 W

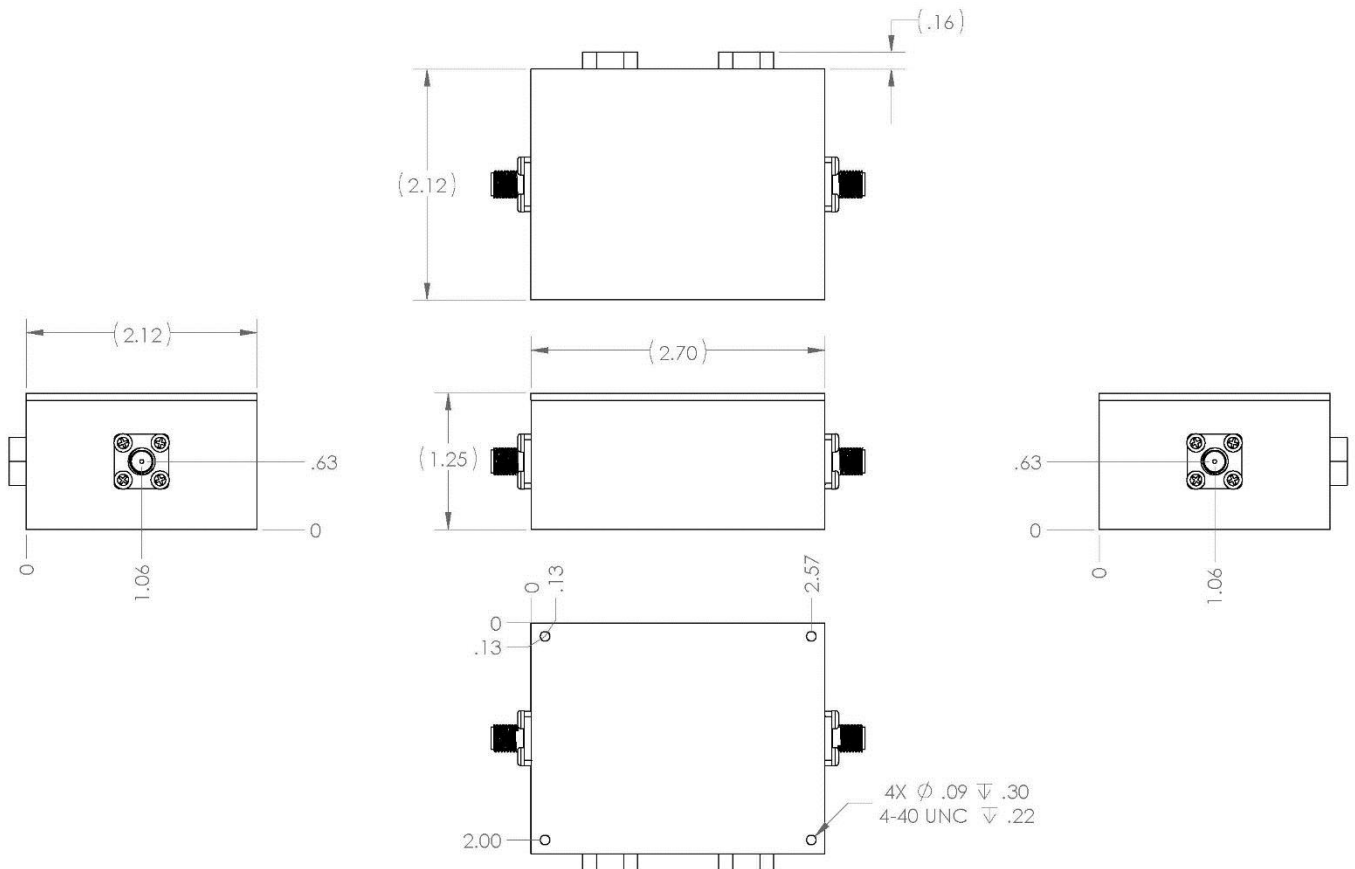
### Mechanical

**Connectors:** N(F)  
**Dimensions:** 2.70" X 2.12" X 1.25"  
**Mounting:** 4-40 Threaded holes

### Environmental

**Operating Temperature:** -20 to +70° C  
**Storage Temperature:** -50 to +90° C

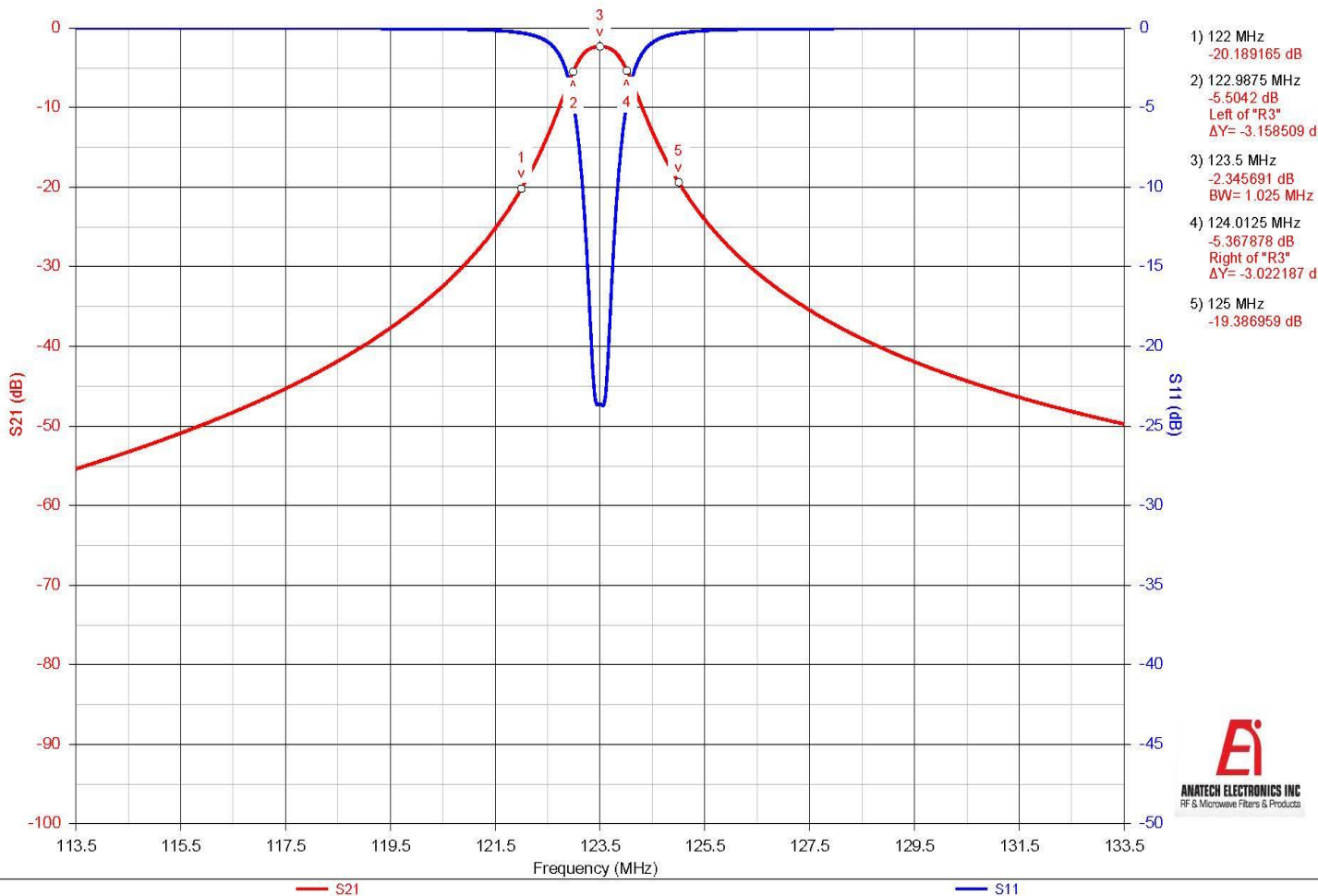
### Outline Drawing:





### Simulated Response

RFQ-20171110-BPF-123R5-1 MHz

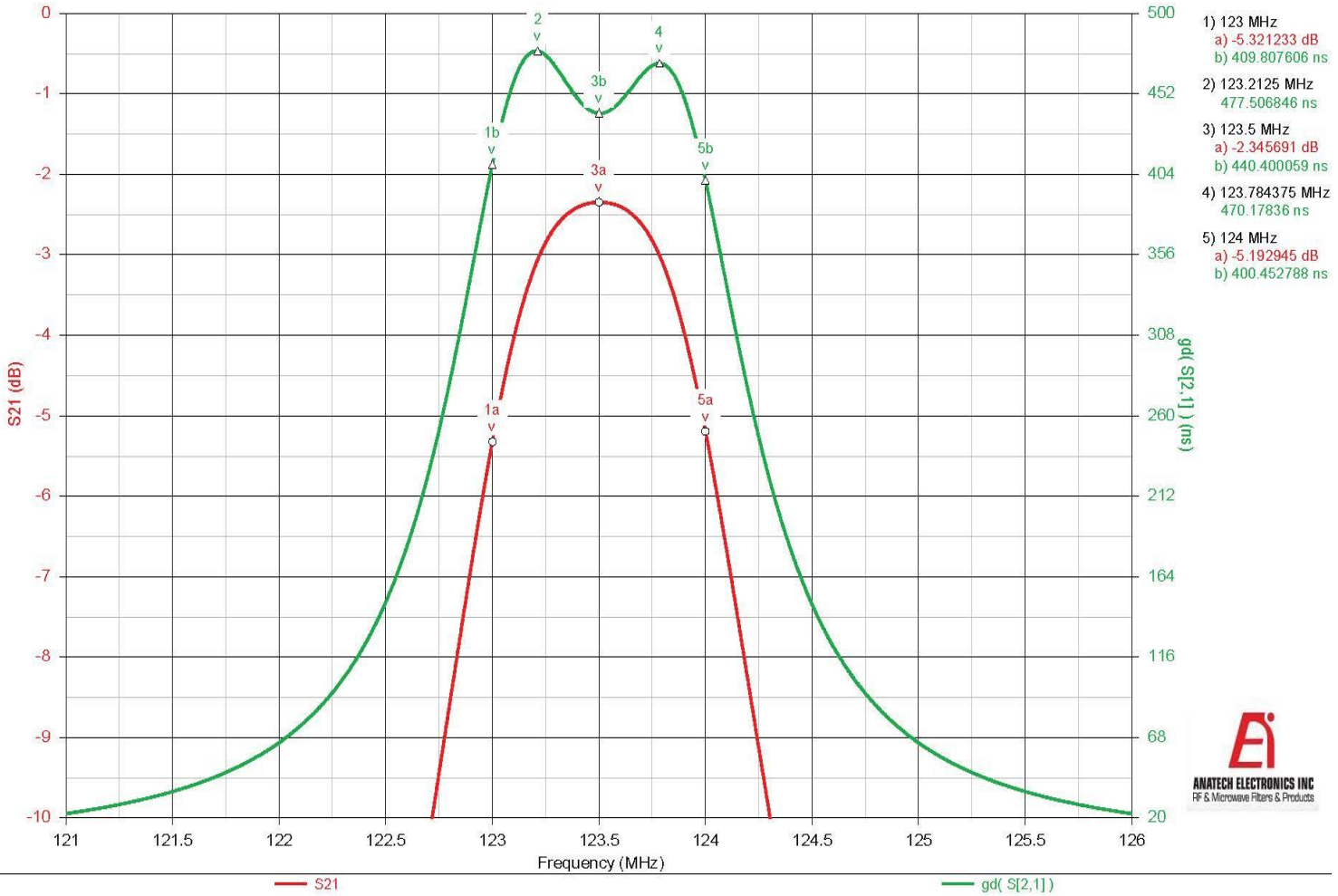


This is a simulated response plot, actual results might differ



### Simulated Response

RFQ-20171110-BPF-123R5-1 MHz



This is a simulated response plot, actual results might differ