



### Electrical Specifications

**Center Frequency:** 1000 MHz  
**1dB Bandwidth:** 500 MHz  
**Passband:** 750-1250 MHz  
**Insertion Loss in BW:** 5.0 dB Max  
**Ripple in BW:** 0.5 dB Typ.  
**VSWR in BW:** 1.30:1 Max  
**Rejection:** >20 dB @ DC-250 MHz  
>20 dB @ 1750 MHz  
>55 dB @ 2750 MHz  
>40 dB @ 3350-6000 MHz  
**Input Power:** 20 dBm, 23 dBm Peak

### Mechanical

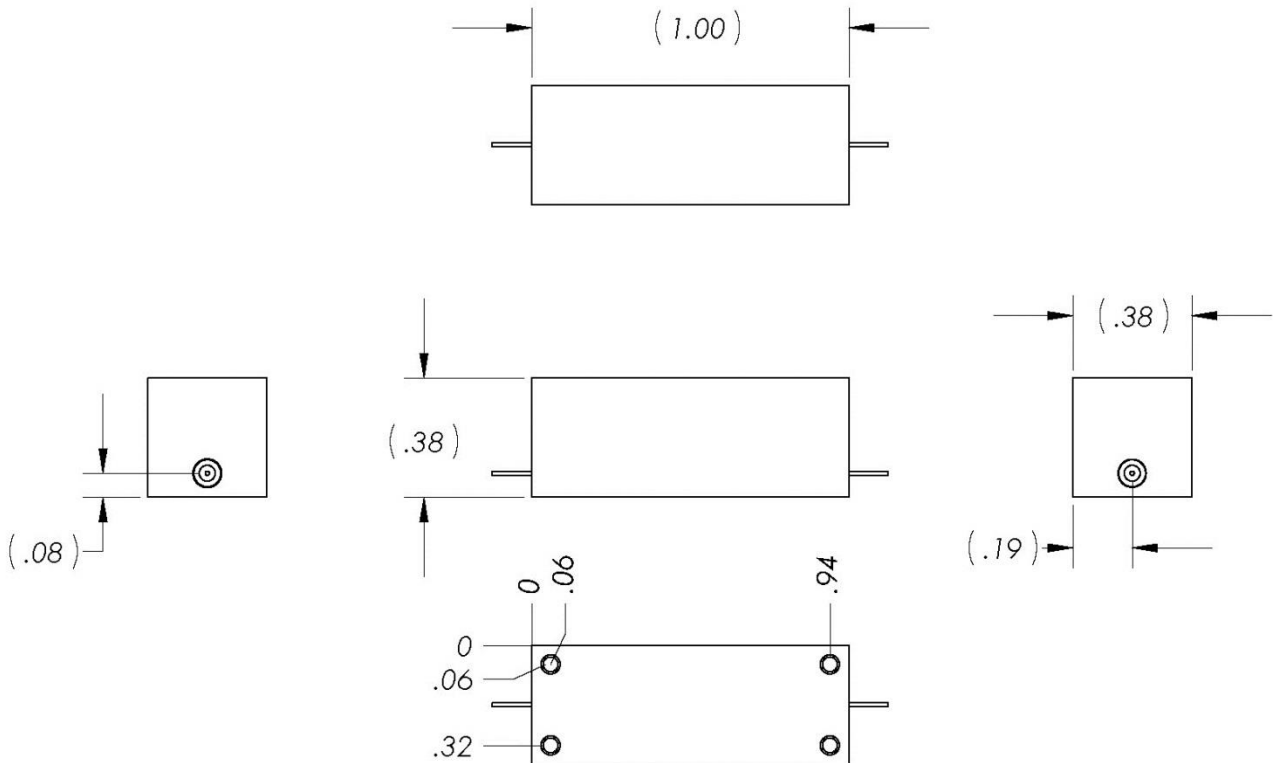
**Connector Type:** Drop-In Pins  
**Dimensions:** 1.00 x 0.38 x 0.38 Inches

### Environmental

**Operating Temperature:** -40 to +85° C  
**Storage Temperature:** -50 to +85° C  
**Relative Humidity:** 5-95%  
**Vibration:** 0.04 g<sup>2</sup>/Hz, 10-2000 Hz  
**Shock Max:** 20g, 6ms

**This product is RoHS Compliant.**

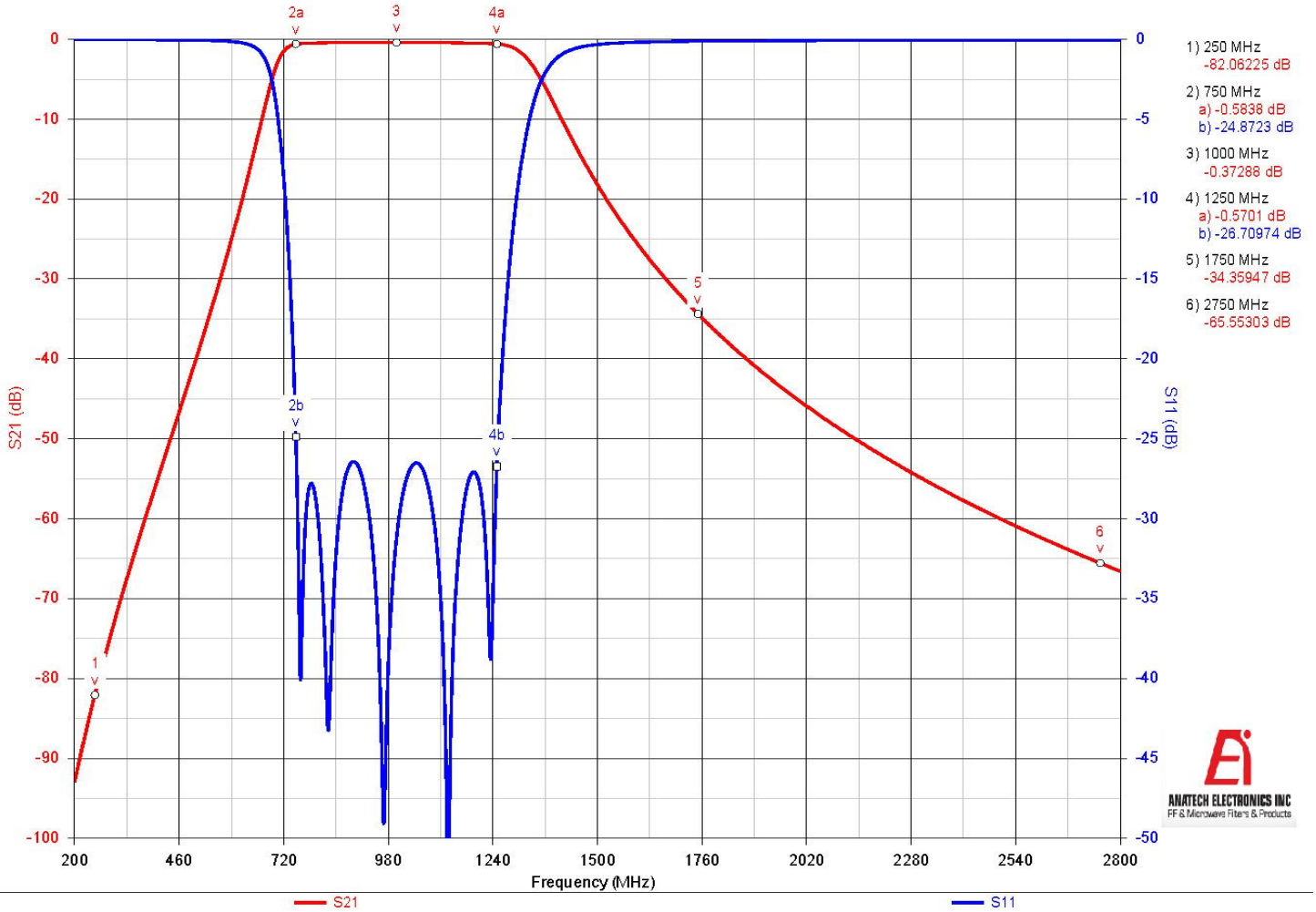
### Outline Drawing:





### Response Plot:

RFQ-20150226-BPF-FIL-A



**Note:** This is a simulation plot. Actual results may differ once the product is implemented.