



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

## 400 MHz LC Bandpass Filter

Part Number: **AE400B5336**



### Electrical Specifications

**Center Frequency:** 400 MHz  
**3dB Bandwidth:** 40 MHz  
**Insertion Loss:** <2.0dB  
**Rejection:** ≥50dB @ 0-280 MHz  
**Rejection2:** ≥50dB @ 450 MHz to 1000 MHz  
**Impedance:** 50 Ohms

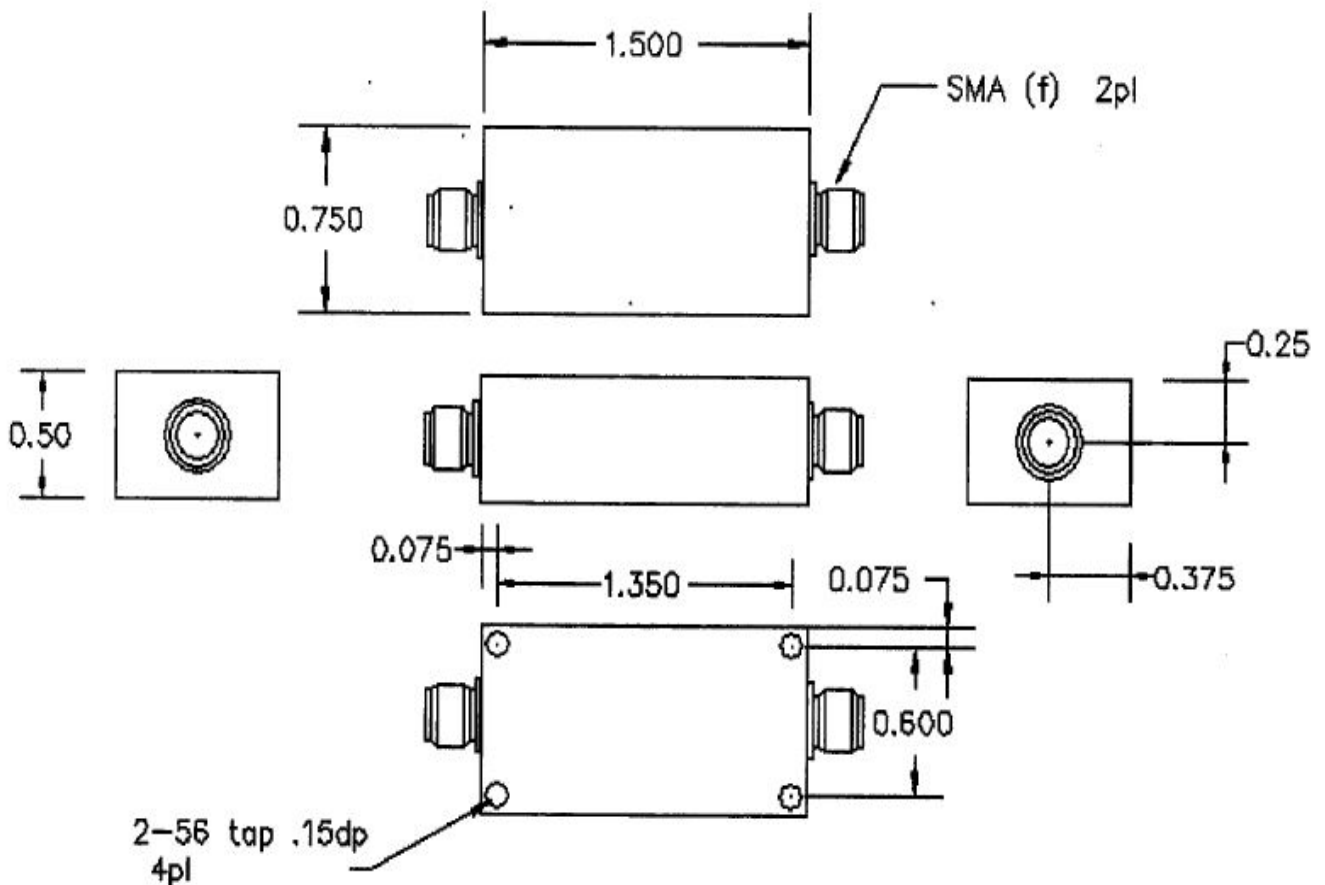
### Mechanical

**Connector Type:** SMA(F)  
**Dimensions:** 1.5" x 0.75" x 0.5" in.

### Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -40°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

### Outline Drawing:





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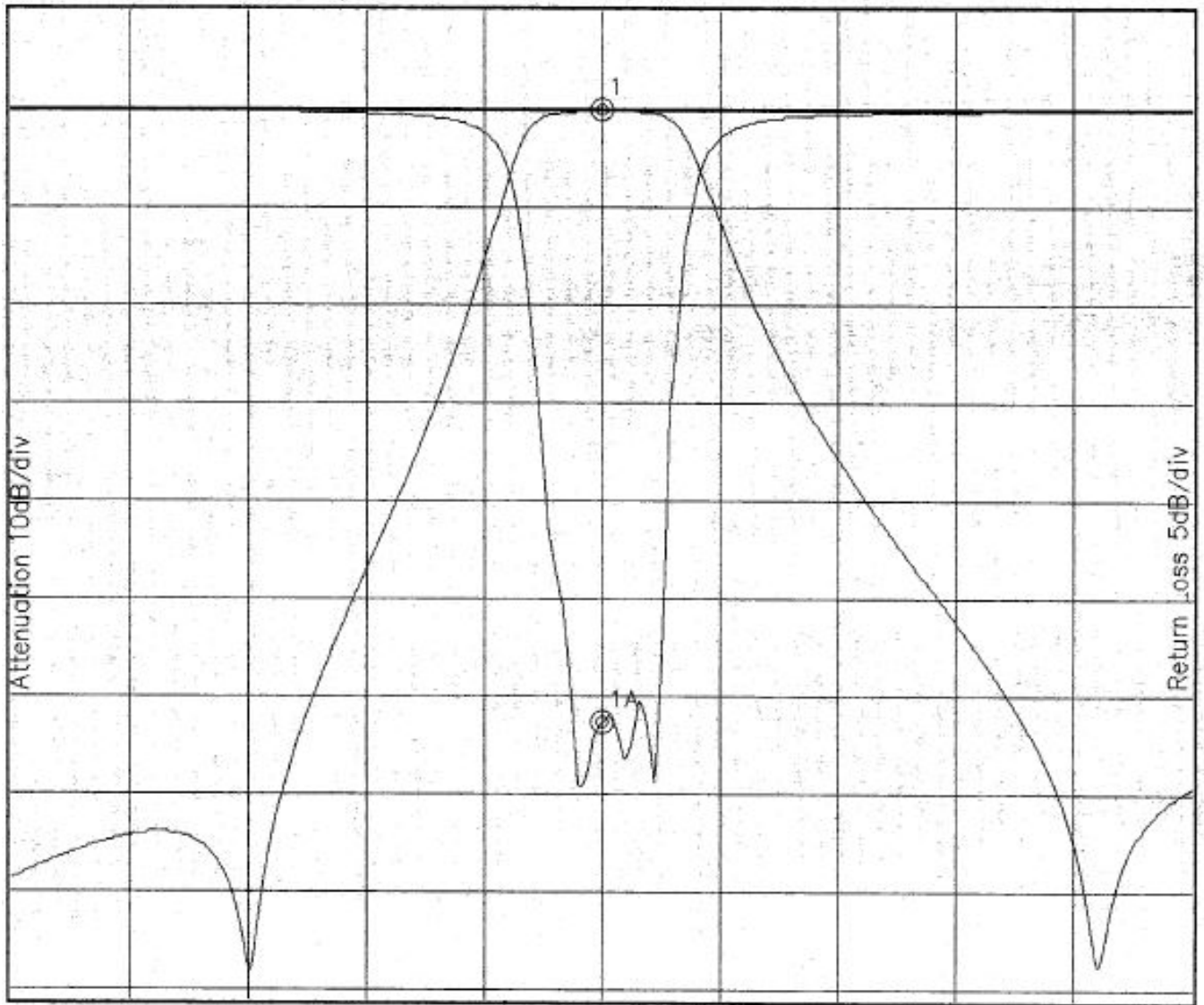


## Response Plot:

B5336.lad

OCT 4, 1999

Attenuation/Return Loss



Attenuation Start: 200.0MHz Stop: 600.0MHz

Return Loss Start: 200.0MHz Stop: 600.0MHz

Offset -1.7391dB

Marker 1 Freq 399.67MHz Atten -0.002dB

Marker 1A Freq 399.67MHz Ret Loss -31.190dB