



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

## 45 MHz LC Bandpass Filter

Part Number: AE45B10541



### Electrical Specifications

**Center Frequency:** 45 MHz  
**3 dB Bandwidth:** 50 MHz  
**Passband Frequencies:** 20MHz to 70 MHz  
**Insertion Loss:** <3 dB @20MHz to 70 MHz  
**Insertion Loss:** <1 dB @45 MHz  
**Return Loss :** 15dB @ 45 MHz  
**Impedance:** 50 Ohms

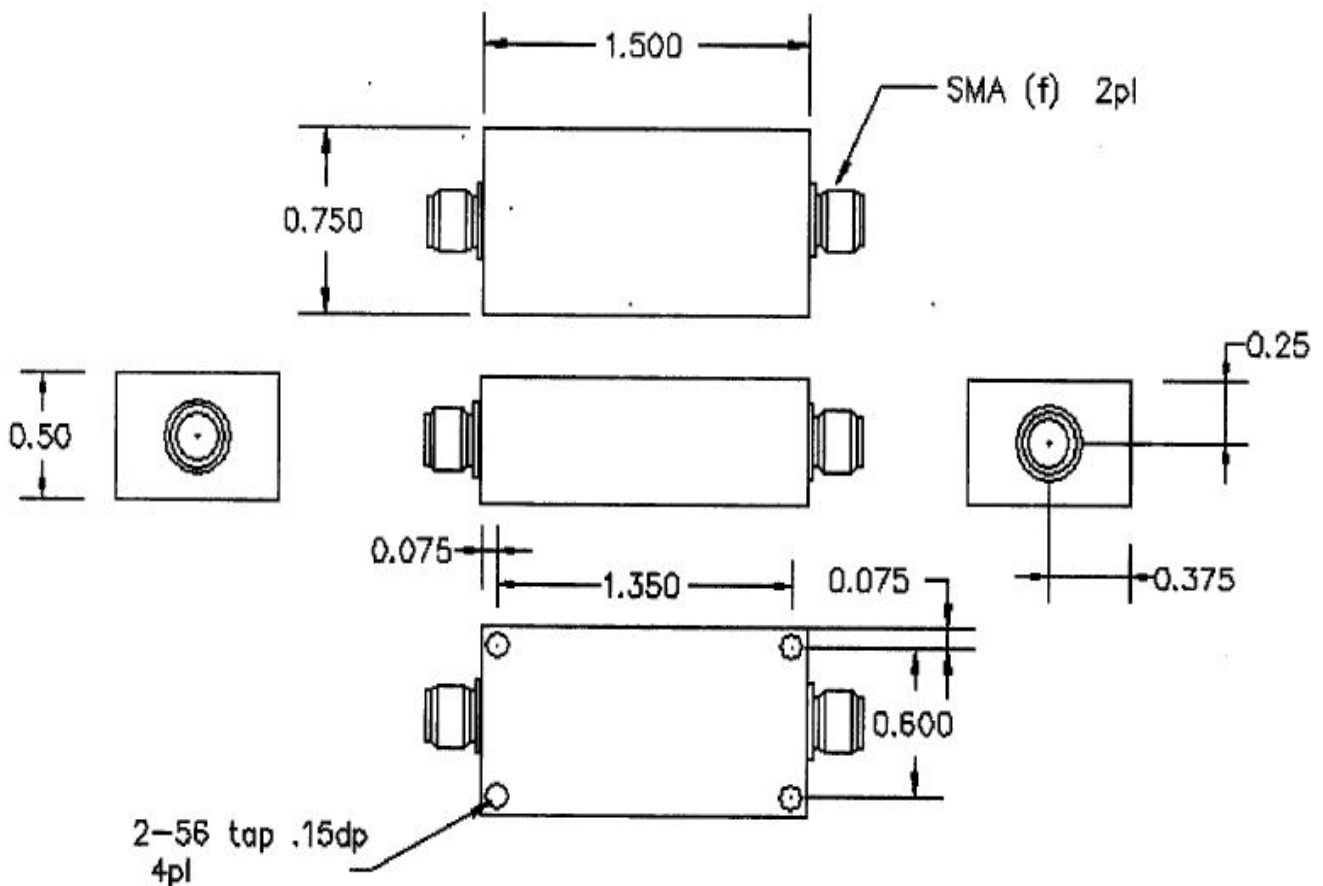
### Mechanical

**Connector type:** SMA (Female)  
**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 200 Hz

### Outline Drawing:





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## Response Plot:

