



### Electrical specifications

**Center Frequency:** 250 MHz  
**3 dB Bandwidth:** Approx. 300 MHz  
**Insertion Loss:** 1.0 dB Max  
**Return Loss:** 15 dB Min @  $\pm 125$  MHz  
**Rejection:** 40 dB @ 1000 MHz  
**Rejection:** 50 dB @ 2500 MHz  
**Impedance:** 50 Ohms In/Out

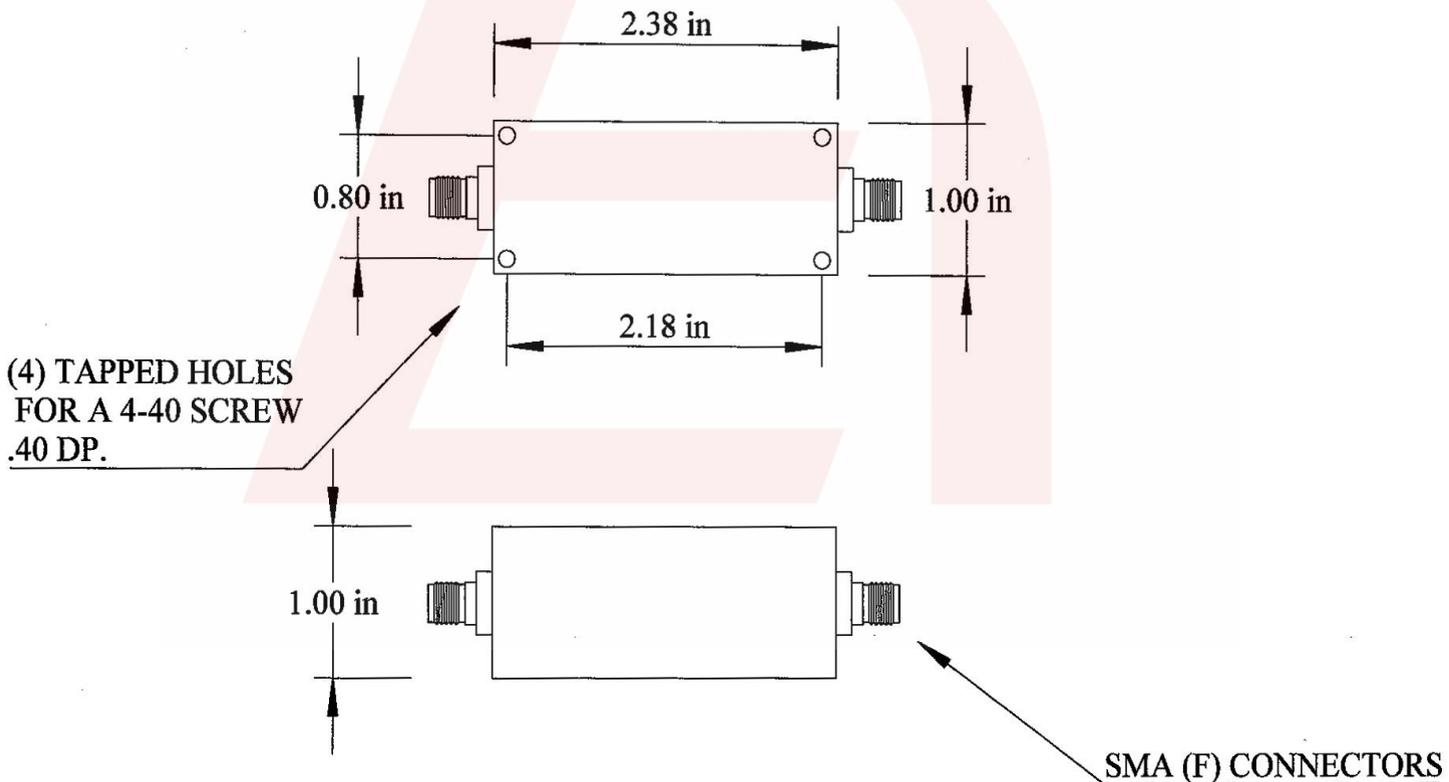
### Mechanical

**Mounting Method:** Threaded Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 2.38 x 1 x 1 in

### Environmental

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +95°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 2000Hz

### Outline Drawing:





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

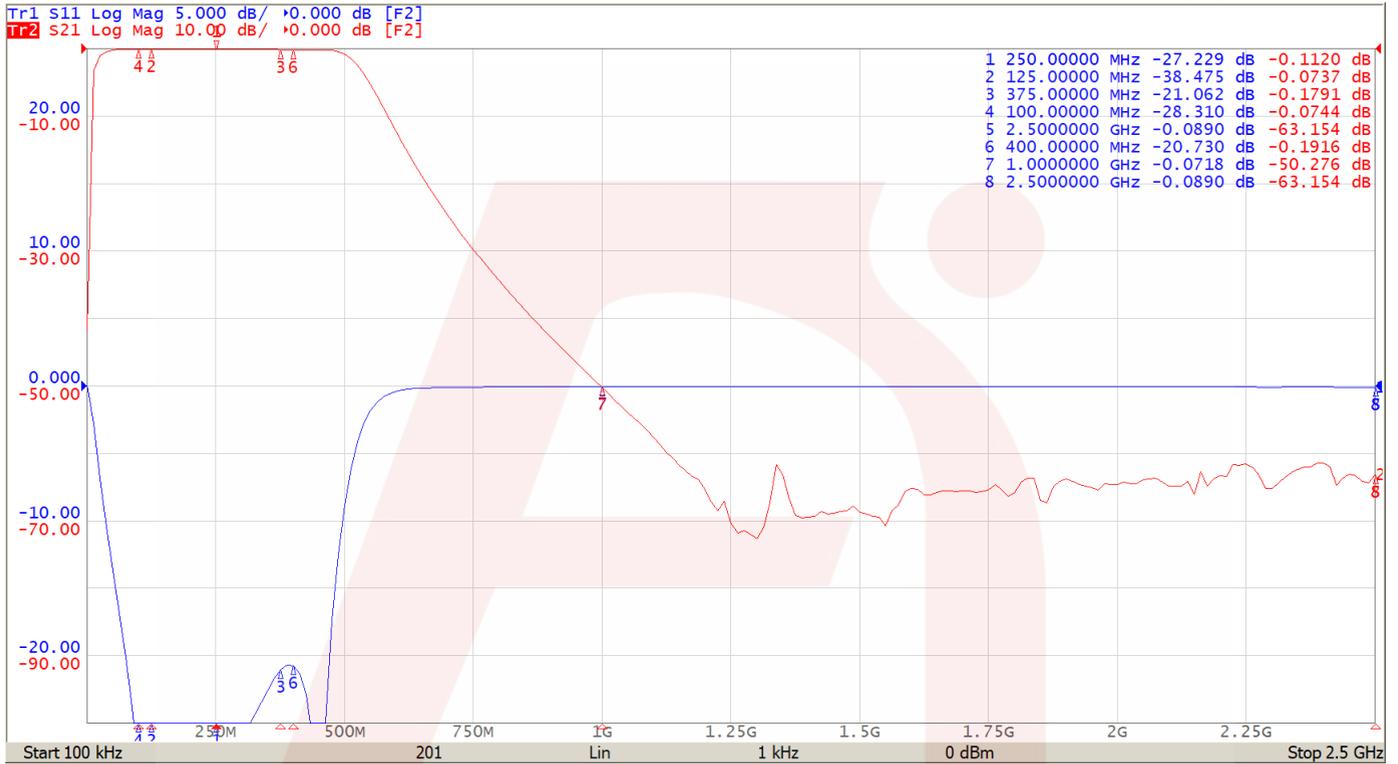
# 250 MHz LC Bandpass Filter

Part Number: AE250B10572



## Response Plot:

7/14/2023 8:33:09 AM



DS-B10572-02092015-Rev0