



# 2390-2400 MHz Cavity Bandpass Filter

## Part Number: AB2395B1001



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

### Electrical specifications

- Center Frequency:** 2395 MHz
- Bandwidth:** 10 MHz
- Input / Output Impedance:** 50 Ohms
- Passband:** 2390 – 2400 MHz
- Passband over bandwidth:** <0.5 dB
- Passband Insertion Loss:** <1.0 dB
- Passband Ripple:** <0.2 dB
- Passband Return Loss:** >20 dB
- Rejection:** 13 MHz offset from Center Frequency > 20 dBc
- Rejection 2:** 20 MHz offset from Center Frequency > 30 dBc
- Power Handling:** 20 W (avg)
- Peak Power Handling:** 150 W
- Group Delay variation over bandwidth:** <5 ns

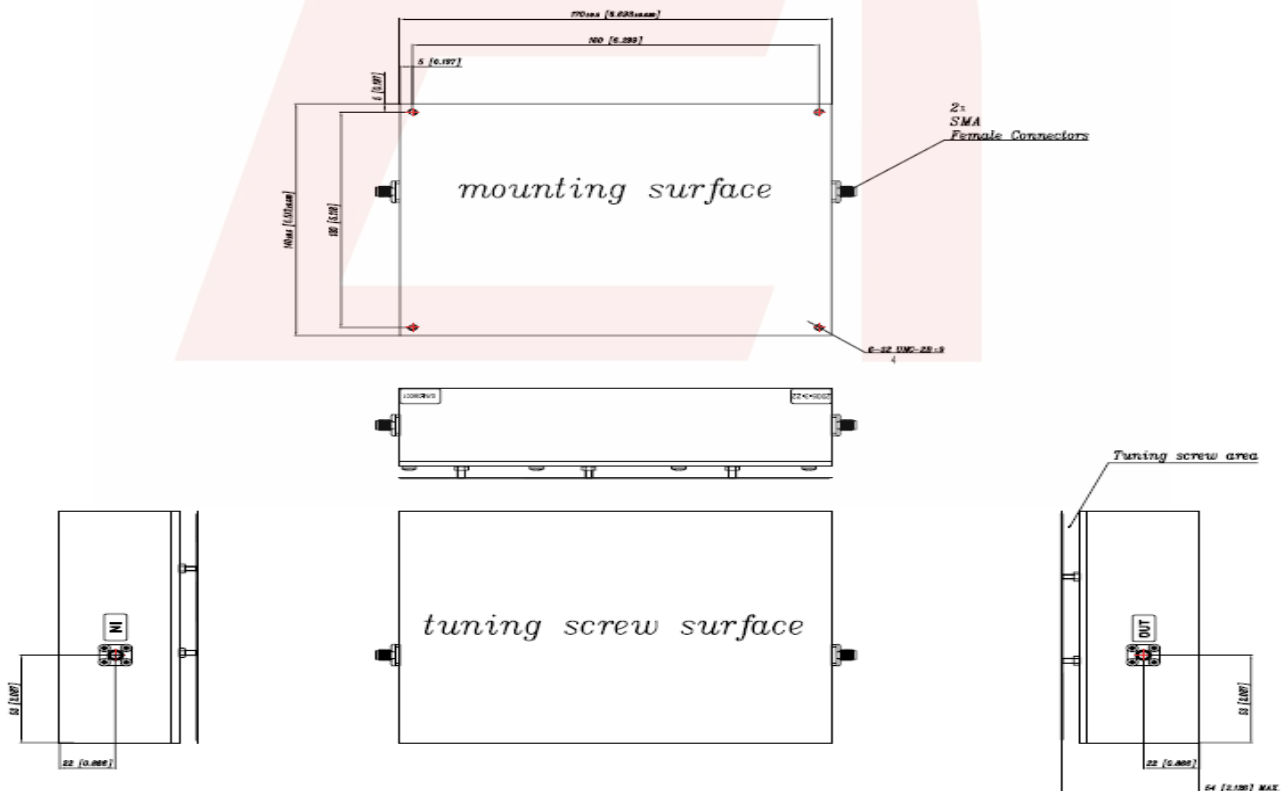
### Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** SMA (F)
- Dimensions:** 170 x 140 x 54 mm.

### Environmental

- Operating Temperature:** 0 to +55 deg.C
- Storage Temperature:** -55 to +95 deg.C
- Shock:** 20 G. 11ms
- Vibration:** 20 G. 5 to 200 Hz

### Outline Drawing:



DS-B1001-03152018-Rev0



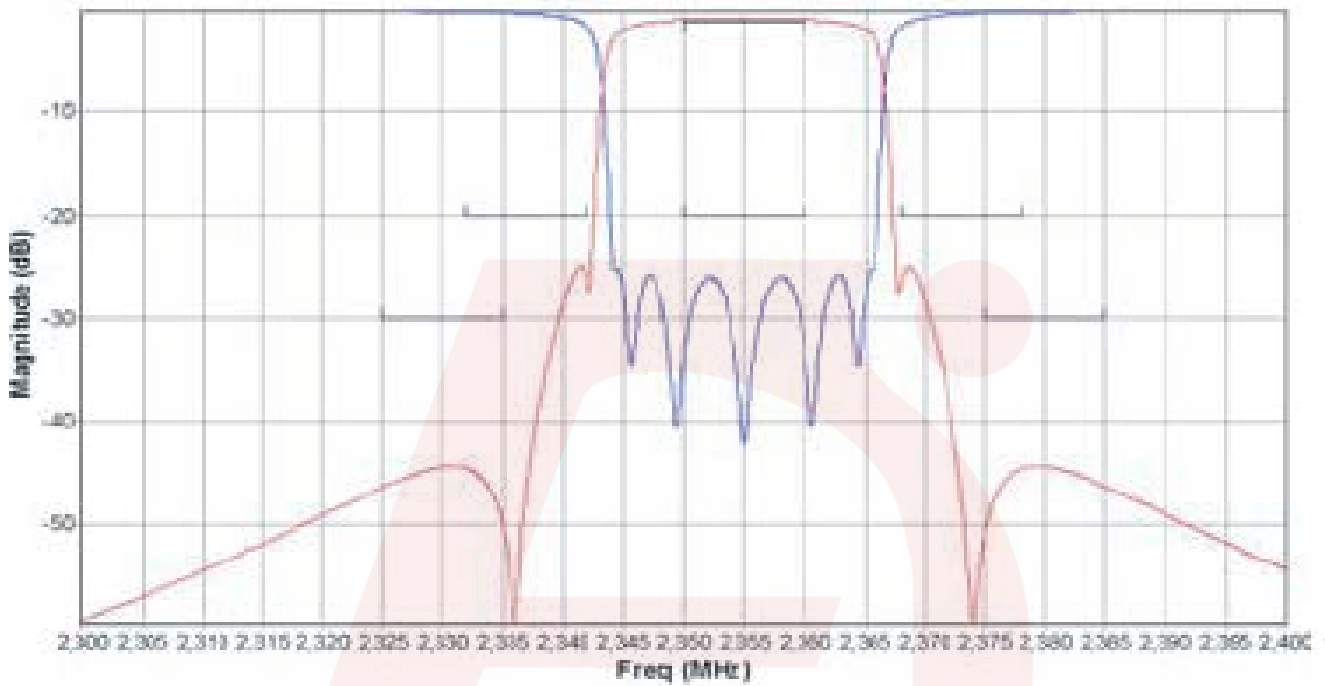
**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 2390-2400 MHz Cavity Bandpass Filter

Part Number: AB2395B1001



## Response Plot:



DS-B1001-03152018-Rev0