



# 2380-2390 MHz Cavity Bandpass Filter

## Part Number: AB2385B1000



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

### Electrical specifications

- Center Frequency:** 2385 MHz
- Bandwidth:** 10 MHz
- Input / Output Impedance:** 50 Ohms
- Passband:** 2380 – 2390 MHz
- Passband over bandwidth:** <0.5 dB
- Passband Insertion Loss:** <1.0 dB
- Passband Ripple:** <0.2 dB
- Passband Return Loss:** >20dB
- Rejection:** 13 MHz offset from Center Frequency > 20dBc
- Rejection 2:** 20 MHz offset from Center Frequency > 30dBc
- Power Handling:** 20 W (avg)
- Peak Power Handling:** 150 W
- Group Delay variation over bandwidth:** <5 ns

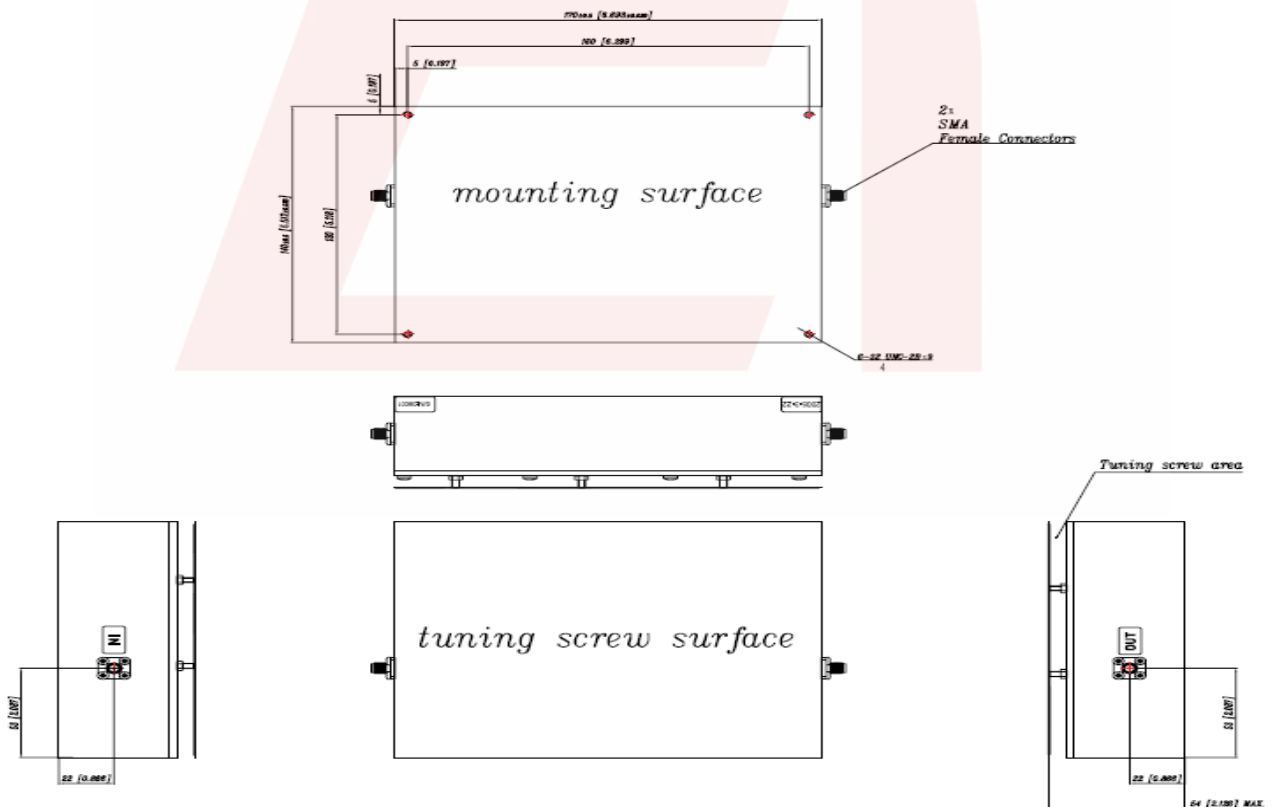
### Mechanical

- 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:** -45 to +85 deg.C
- Shock:** 20 G. 11ms
- Vibration:** 20 G. 5 to 200 MHz

### Outline Drawing:





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## Response Plot:

