



# 2500 MHz Cavity Bandpass Filter



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

**Part Number: AE2500B1355**

## Electrical specifications

- Center Frequency:** 2500 MHz
- Bandwidth:** 7 MHz
- Insertion loss @CF:** <1.5 db@2500 MHz
- Insertion loss @ signal bandwidth:** <1.6 dB@2497.5-2502.5 MHz
- Insertion loss @ PB:** <2.5 dB@2496.5-2503.5 MHz
- Return loss:** >20 dB
- Attenuation:** >20 dB@+/-6 MHz from CF
- Impedance:** 50 Ohm
- Power handling:** >20 W

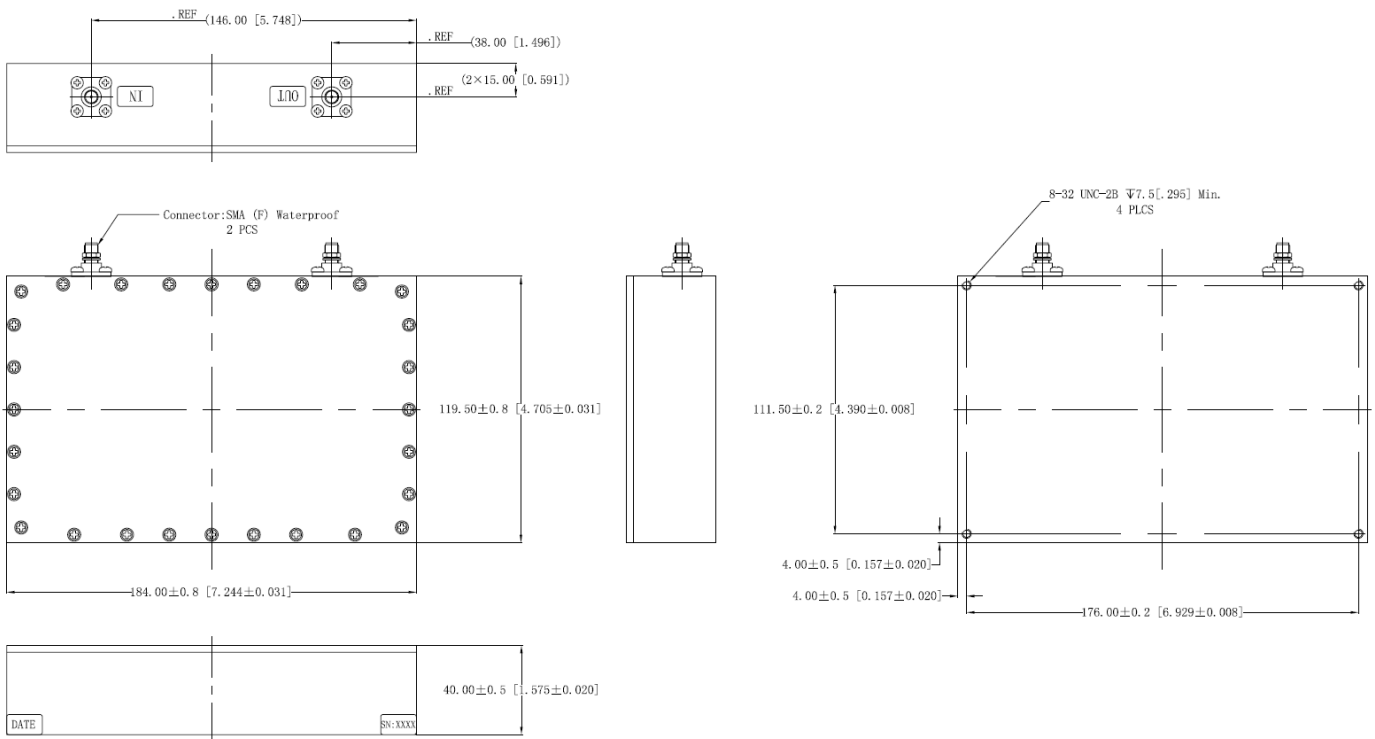
## Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** SMA Female
- Dimensions:** 7.24" X 4.70" X 1.57" in

## Environmental

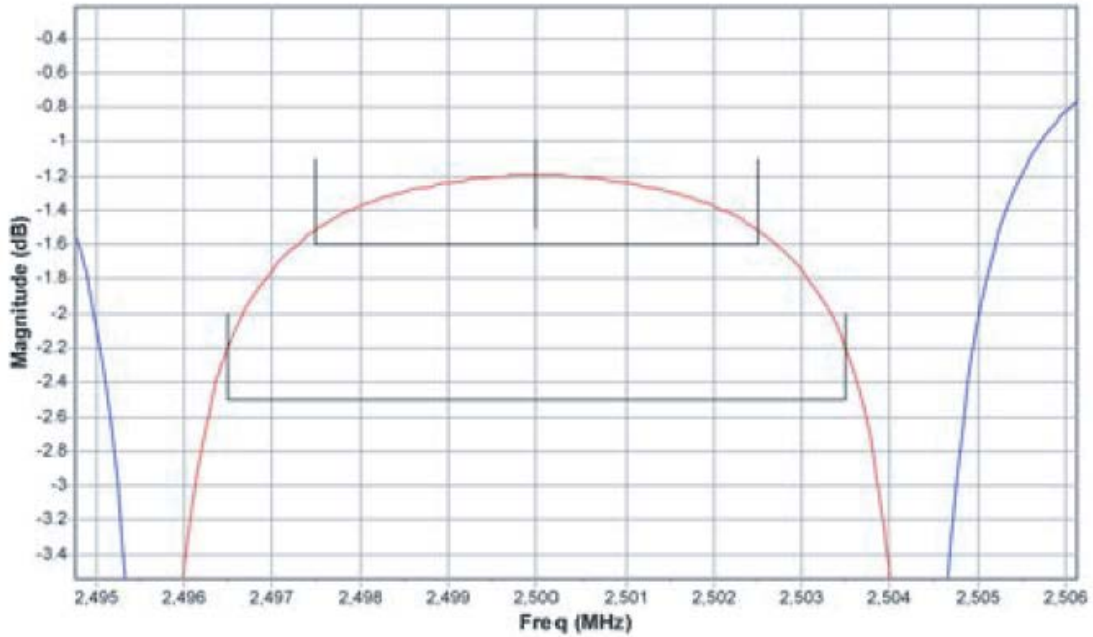
- Operating Temperature:** -45 to +85° C
- Storage Temperature:** -55 to +95° C
- Shock:** 20 G. 11ms
- Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:





Plot:



Attenuation

