



# 2500 MHz Cavity Bandpass Filter



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

**Part Number: AE2500B10237**

## Electrical specifications

- 1 dB passband frequency range:** 2475-2525 MHz
- Passband insertion loss:** <1.5 dB, 1.3 dB typ
- Passband ripple:** <0.5 dB P-T-P
- Attenuation 1:** >75 dBc@DC-2350 MHz
- Attenuation 2:** >75 dBc@2650 MHz
- Passband return loss:** -14 dB max, <1.5:1
- Input/Output impedance:** 50 Ohm
- Power handling:** 5 Watts

## Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** SMA Male
- Dimensions:** 3.92" X 0.98" X 0.62" 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:

