



# 3000 MHz Cavity Bandpass Filter



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

**Part Number: AE3000B5583**

## Electrical specifications

- Center frequency (Fo):** 3000 MHz
- 0.1 dB bandwidth:** 2997-3003 MHz
- Insertion loss:** <3 dB@3000 MHz
- Return loss:** >14 dB@3000 MHz
- Rejection 1:** >60 dB@2945 MHz
- Rejection 2:** >60 dB@3055 MHz
- Rejection 3:** >70 dB@2890 MHz
- Rejection 4:** >70 dB@3110 MHz

## Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** SMA Female
- Dimensions:** 3.00" X 0.50" X 1.25" 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:

