



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

# 16000 MHz Waveguide Bandpass Filter

Part Number: AE16000WB11548



## Electrical Specifications

**Center Frequency:** 16000 MHz  
**Pass Band Bandwidth:**  $\pm 50$  MHz (15.95~16.05GHz)  
**Insertion Loss:**  $\leq 4.5$  dB  
**Pass Band VSWR:**  $\leq 1.5:1$   
**Stop Band Rejection:**  
 $\geq 60$  dB @  $F_0 \pm 100$  MHz (15.9GHz, 16.1GHz)  
**Impedance:** 50 Ohms  
**Power Handling:**  $\leq 20$  W

## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 167 x 23.8 x 11.9 mm

## Environmental

**Operating Temperature:**  $-45^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$   
**Storage Temperature:**  $-55^{\circ}\text{C}$  to  $+95^{\circ}\text{C}$   
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:

