



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

# 8317 MHz Waveguide Bandpass Filter

**Part Number: AE8317WB11540**



## Electrical Specifications

**Center Frequency:** 8317 MHz  
**Pass Band Bandwidth:** 28MHz (8303-8331MHz)  
**Insertion Loss:**  $\leq 1.2\text{dB}$ @8303~8331MHz  
**Pass Band VSWR:**  $\leq 1.3:1$ @8303~8331MHz  
**Stop Band Rejection:**  $\geq 80\text{dB}$ @ $F_0 \pm 500\text{MHz}$   
(7817MHz, 8817MHz)  
**Impedance:** 50 Ohms  
**Power Handling:** 10 W

## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 106 x 37 x 19 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:

