



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

# 8088 MHz Waveguide Bandpass Filter

Part Number: AE8088WB11544



## Electrical Specifications

**Center Frequency:** 8088 MHz  
**Pass Band Bandwidth:** 25MHz(8063~8113MHz)  
**Insertion Loss:**  $\leq 1.2\text{dB}@8063\sim 8113\text{MHz}$   
**Pass Band VSWR:**  $\leq 1.3:1@8063\sim 8113\text{MHz}$   
**Stop Band Rejection:**  
 $\geq 70\text{dB}@F_0\pm 450\text{MHz}$  (7638MHz, 8538MHz)  
**Impedance:** 50 Ohms  
**Power Handling:** 10 W

## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 118 x 37x 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:

