



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

# 9800 MHz Waveguide Bandpass Filter

Part Number: AE9800WB11553



## Electrical Specifications

**Center Frequency:** 9800 MHz  
**Pass Band Bandwidth:** 9.75~9.85GHz  
**Insertion Loss:** ≤1.0dB  
**Pass Band VSWR:** ≤1.5:1  
**Stop Band Rejection:**  
≥40dB @ DC~9.65GHz  
≥40dB @ 9.95~12GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤20W

## Mechanical

**Mounting Method:** Thru Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 172 x 31 x 14.2 mm

## Environmental

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +95°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:

