



# 10000 MHz Waveguide Bandpass Filter

Part Number: AE10000WB11552



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

## Electrical Specifications

**Center Frequency:** 10000 MHz

**Pass Band Bandwidth:**

±125MHz (9.875~10.125GHz)

**Insertion Loss:** ≤0.5dB

**Pass Band VSWR:** ≤1.4:1

**Stop Band Rejection:**

≥50dB @ F0±500MHz

(DC~9.5GHz, 10.5~12GHz)

**Impedance:** 50 Ohms

**Power Handling:** ≤50W

## Mechanical

**Mounting Method:** Thru Holes

**Connector Type:** BJ100 (WR90)

**Dimensions:** 143 x 41.4 x 14.16 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:

