



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: ≤ 1.0 dB
Pass Band VSWR: $\leq 1.5:1$
Stop Band Rejection:
 ≥ 40 dB @ DC~9.65GHz
 ≥ 40 dB @ 9.95~12GHz
Impedance: 50 Ohms
Power Handling: ≤ 20 W

Mechanical

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

Environmental

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

Outline Drawing:

