



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

10000 MHz Waveguide Bandpass Filter

Part Number: AE10000WB11543



Electrical Specifications

Center Frequency: 10000 MHz
Pass Band Bandwidth: 50MHz (9975~10025MHz)
Insertion Loss: ≤ 1.0 dB
Pass Band VSWR: $\leq 1.5:1$
Stop Band Rejection: ≥ 60 dB @ $F_0 \pm 500$ MHz
(9500MHz, 10500MHz)
Impedance: 50 Ohms
Power Handling: 10 W

Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 92.7 x 31.0 x 16.2 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:

