



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

16000 MHz Waveguide Bandpass Filter

Part Number: AE16000WB11549



Electrical Specifications

Center Frequency: 16000 MHz
Pass Band Bandwidth: ± 50 MHz (15.95~16.05 GHz)
Insertion Loss: ≤ 2.8 dB
Pass Band VSWR: $\leq 1.5:1$
Stop Band Rejection:
 ≥ 30 dB @ $F_0 \pm 100$ MHz (15.9 GHz, 16.1 GHz)
 ≥ 60 dB @ $F_0 \pm 200$ MHz (15.8 GHz, 16.2 GHz)
Impedance: 50 Ohms
Power Handling: ≤ 20 W

Mechanical

Mounting Method: Thru Holes
Connector Type: SMA (F)
Dimensions: 144 x 23.8 x 11.9 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:

