



16000 MHz Waveguide Bandpass Filter

Part Number: AE16000WB11563



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical Specifications

Center Frequency: 16GHz
Pass band Bandwidth: 60MHz (15.97~16.03GHz)
Insertion Loss at Center Frequency:
 $\leq 2.0\text{dB @ } 16\text{GHz}$
Pass Band VSWR: $\leq 1.4:1$
Stop Band Rejection:
 $\geq 40\text{dB @ } F_0 \pm 100\text{MHz}$
 (15.9GHz, 16.1GHz)
Impedance: 50 Ohms
Power Handling:
 Average: 4W / Peak: 400W (1% duty cycle)

Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 117 x 24 x 14 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:

