



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

8317 MHz Waveguide Bandpass Filter

Part Number: AE8317WB11540



Electrical Specifications

Center Frequency: 8317 MHz
Pass Band Bandwidth: 28MHz (8303-8331MHz)
Insertion Loss: $\leq 1.2\text{dB}$ @8303~8331MHz
Pass Band VSWR: $\leq 1.3:1$ @8303~8331MHz
Stop Band Rejection: $\geq 80\text{dB}$ @ $F_0 \pm 500\text{MHz}$
(7817MHz, 8817MHz)
Impedance: 50 Ohms
Power Handling: 10 W

Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA (F)
Dimensions: 106 x 37 x 19 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:

