



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

8088 MHz Waveguide Bandpass Filter

Part Number: AE8088WB11544



Electrical Specifications

Center Frequency: 8088 MHz
Pass Band Bandwidth: 25MHz(8063~8113MHz)
Insertion Loss: $\leq 1.2\text{dB}@8063\sim 8113\text{MHz}$
Pass Band VSWR: $\leq 1.3:1@8063\sim 8113\text{MHz}$
Stop Band Rejection:
 $\geq 70\text{dB}@F_0\pm 450\text{MHz}$ (7638MHz, 8538MHz)
Impedance: 50 Ohms
Power Handling: 10 W

Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 118 x 37x 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:

