



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9375 MHz Waveguide Bandpass Filter

Part Number: AE9375WB11542



Electrical Specifications

Center Frequency: 9375 MHz
Pass Band Bandwidth: 22MHz (9364~9386MHz)
Insertion Loss: ≤ 4.5 dB
Pass Band VSWR: $\leq 1.5:1$
Stop Band Rejection:
 ≥ 40 dB@ $F_0 \pm 30$ MHz (9345MHz,9405MHz)
 ≥ 60 dB@ $F_0 \pm 45$ MHz (9330MHz,9420MHz)
Impedance: 50 Ohms
Power Handling: 10 W

Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 144 x 34 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:

