



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9875 MHz Waveguide Bandpass Filter

Part Number: AE9875WB11556



Electrical Specifications

Center Frequency: 9875MHz
3dB Bandwidth: 20MHz (9865~9885MHz)
Insertion Loss at Center Frequency:
≤3.5dB @ 9875MHz
VSWR at Center Frequency:
≤1.5:1 @ 9875MHz
Stop Band Rejection:
≥40dB @ $F_0 \pm 25$ MHz
(9850MHz, 9900MHz)
Impedance: 50 Ohms
Power Handling: ≤2W

Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 173 x 31 x 14.2 mm

Environmental

Operating Temperature: -45°C to +85°C
Storage Temperature: -55°C to +95°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:

