



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

8000-9000 MHz Cavity Bandpass Filter

Part Number: AB8500B1078



Electrical specifications

Passband Frequency: 8000-9000 MHz
Insertion Loss @ Band Edges: ≤ 2.0 dB
Passband Return Loss: ≥ 14 dB
Rejection: ≥ 20 dB @ 7900 MHz
Rejection 2: ≥ 20 dB @ 9100 MHz
Input / Output Impedance: 50 Ohms
Power Handling: 1W (CW)

Mechanical

Connector Type: SMA (F)
Dimensions: 6.98 x .63 x .59 inches
Surface Finish: Black

Environmental

Operating Temperature: -45 to +85 deg.C
Storage temperature: -65 to +95 deg.C
Shock: 20 G's, $\frac{1}{2}$ sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:

