



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9000-10000 MHz Cavity Bandpass Filter

Part Number: AB9500B1079



Electrical specifications

Passband Frequency: 9000-10000 MHz

Insertion Loss @ Band Edges: ≤ 2.0 dB

Passband Return Loss: ≥ 14 dB

Rejection: ≥ 20 dB @ 8900 MHz

Rejection 2: ≥ 20 dB @ 10100 MHz

Input / Output Impedance: 50 Ohms

Power Handling: 1W (CW)

Mechanical

Connector Type: SMA (F)

Dimensions: 7.55 x .63 x .60 inches

Surface Finish: Black

Environmental

Operating Temperature: -45 to +85 deg.C

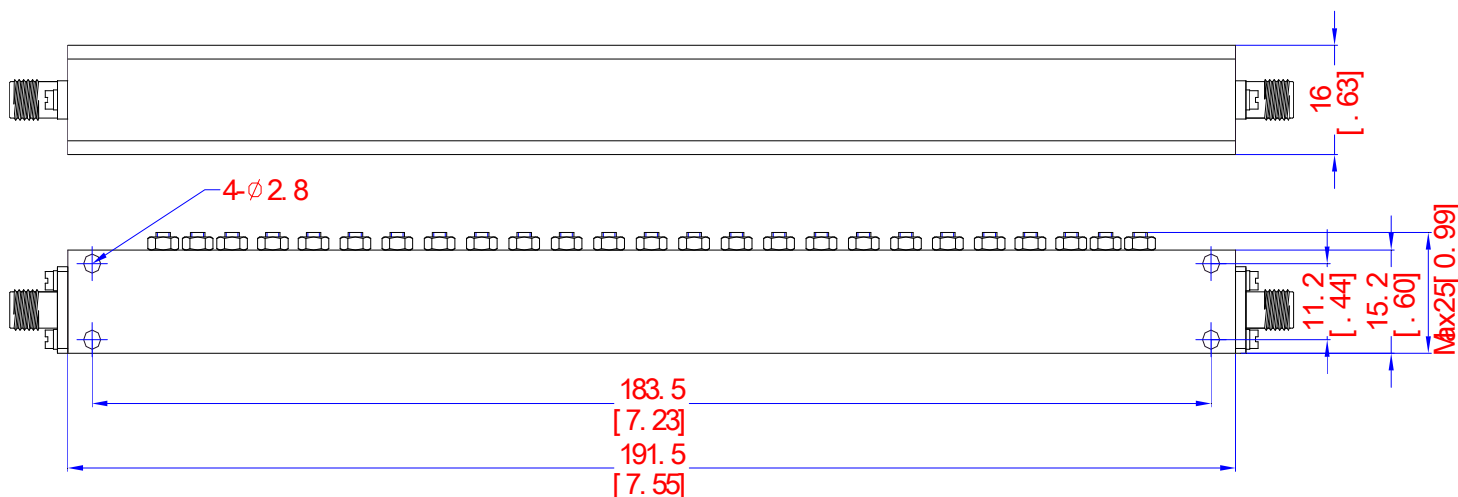
Storage temperature: -65 to +95 deg.C

Shock: 20 G's, $\frac{1}{2}$ sine, 11ms

Vibration: 10 G's, 10-2000 Hz

Relative Humidity: 0-95%

Outline Drawing:





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Response Plot:

