



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: ≤2.0dB
Passband Return Loss: ≥14dB
Rejection: ≥20dB@8900MHz
Rejection 2: ≥20dB@10100MHz
Input / Output Impedance: 50 Ohms
Power Handling: 1W(CW)

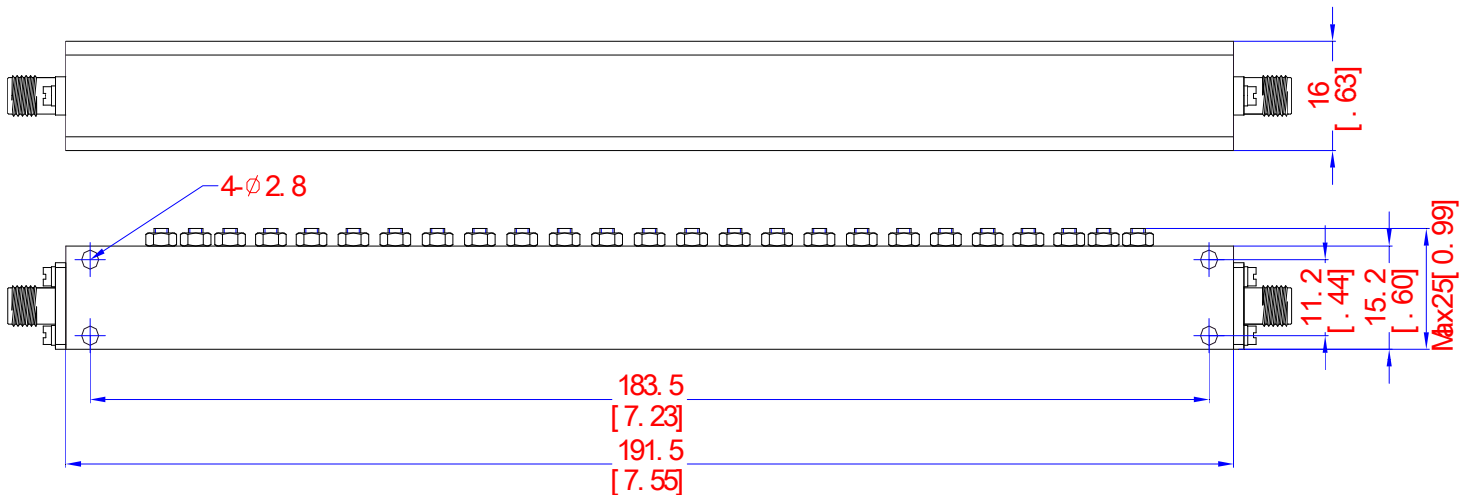
Mechanical

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, ½ sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:





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Response Plot:

