



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Preliminary Datasheet

9120 MHz Cavity Bandpass Filter

Part Number: AE9120B12083



Electrical specifications

Center Frequency (fc): 9120 MHz
1 dB bandwidth: 30 MHz
Insertion loss: 2.0 dB Max
Return loss: 15 dB Min
Rejection: 70 dB Min @ DC – (fc-200 MHz)
 70 dB Min @ (fc+200 MHz) – 10 GHz
Impedance: 50 Ohms In/Out
Power handling: 20 W

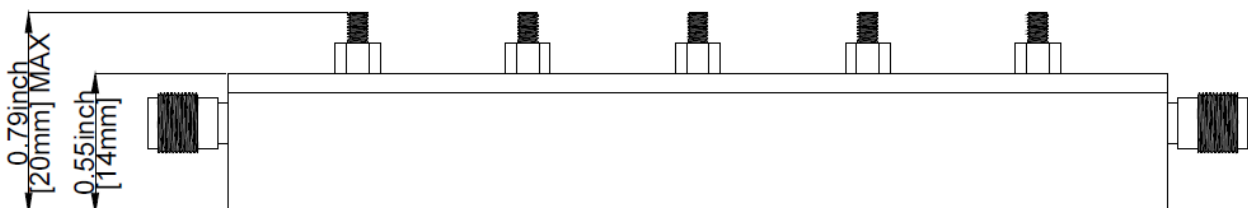
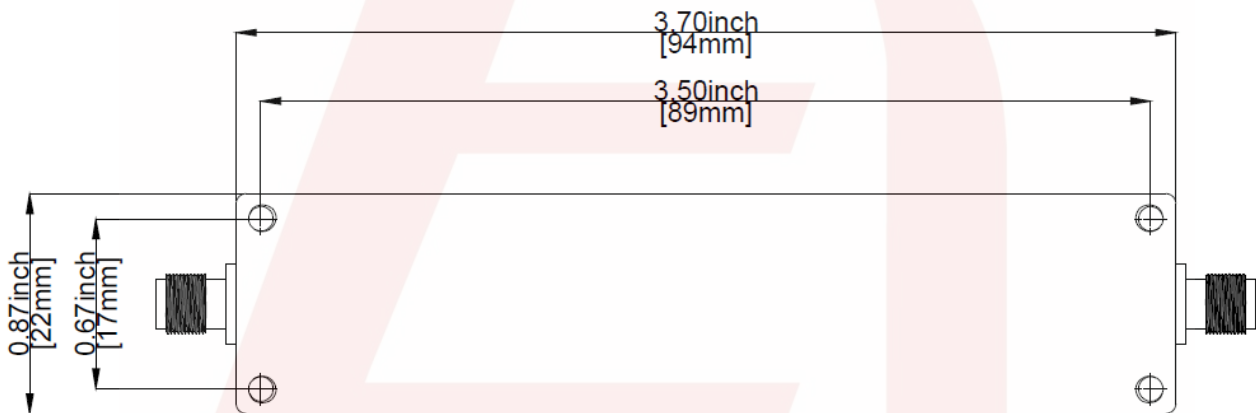
Mechanical

Connector Type: SMA(F)
Dimensions: 3.70 x 0.87 x 0.79 in
 94 x 22 x 20 mm
Surface Finish: Black Painting

Environmental

Operating Temperature: -20°C to +60°C
Storage Temperature: -40°C to +85°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



DS-B12083-01232024-Rev0