



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9500 MHz Suspended Stripline High Pass Filter

Part Number: AE9500SSH6565



Electrical Specifications

Cut Off Frequency: 9.5GHz
Pass Band Frequency: 9.5~23.5GHz
Pass Band Insertion Loss: $\leq 2.0\text{dB}$ @ 9.5~10GHz
 $\leq 1.0\text{dB}$ @ 10~23.5GHz
Pass Band VSWR: $\leq 1.5:1$ @ 9.5~20GHz
 $\leq 1.8:1$ @ 20~23.5GHz
Stop Band Attenuation: $\geq 60\text{dB}$ @ DC~8.7GHz
Impedance: 50 Ohms In/Out
Power Handling: $\leq 15\text{ W CW}$

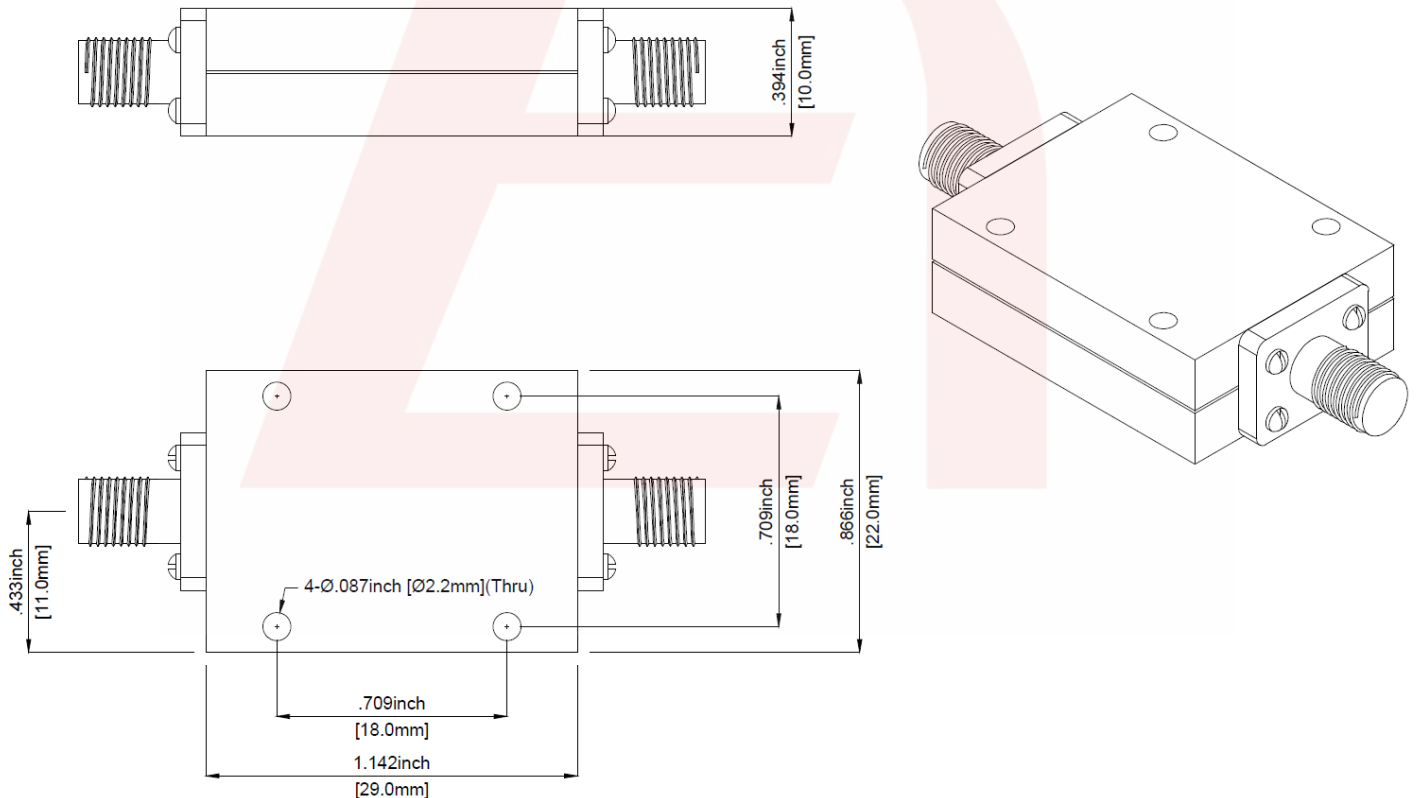
Mechanical

Mounting Method: Through Holes
Connector Type: SMA (F)
Dimensions: 29 x 22 x 10 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 2000Hz

Outline Drawing:



DS-SSH6565-01252019-Rev0



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9500 MHz Suspended Stripline High Pass Filter

Part Number: AE9500SSH6565



Response Plot:



DS-SSH6565-01252019-Rev0