



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

7500 MHz Suspended Stripline High Pass Filter

Part Number: AE7500SSH6562



Electrical Specifications

Cut Off Frequency: 7.5GHz
Pass Band Frequency: 7.5~24.5GHz
Pass Band Insertion Loss:
 $\leq 2.0\text{dB}$ @ 7.5~7.9GHz
 $\leq 1.0\text{dB}$ @ 7.9~24.5GHz
Pass Band VSWR:
 $\leq 1.5:1$ @ 7.5~20GHz
 $\leq 1.8:1$ @ 20~24.5GHz
Stop Band Attenuation: $\geq 60\text{dB}$ @ DC~6.77GHz
Impedance: 50 Ohms
Power Handling: $\leq 15\text{W}$

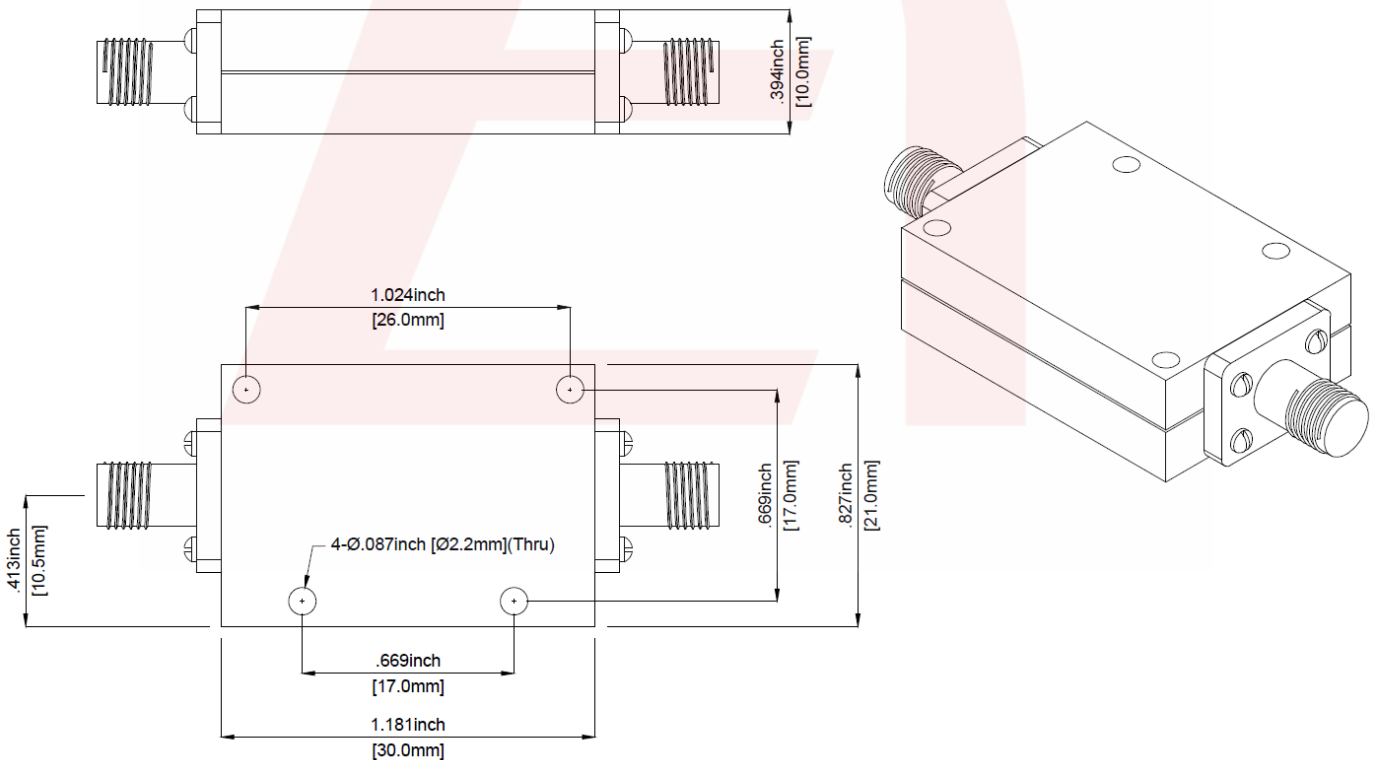
Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 30 x 21 x 10 mm

Environmental

Operating Temperature: -45 to +85° C
Storage Temperature: -55 to +95° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



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