



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

6000 MHz Suspended Stripline High Pass Filter

Part Number: AE6000SSH6559



Electrical Specifications

Cut Off Frequency: 6.0GHz

Pass Band Frequency: 6.0~24GHz

Pass Band Insertion Loss: $\leq 2.0\text{dB}$ @ 6.0~6.3GHz
 $\leq 1.0\text{dB}$ @ 6.3~24GHz

Pass Band VSWR: $\leq 1.5:1$ @ 6.0~20GHz
 $\leq 1.8:1$ @ 20~24GHz

Stop Band Attenuation: $\geq 60\text{dB}$ @ DC~5.4GHz

Impedance: 50 Ohms In/Out

Power Handling: $\leq 15\text{ W CW}$

Mechanical

Mounting Method: Through Holes

Connector Type: SMA (F)

Dimensions: 32 x 23 x 10 mm

Environmental

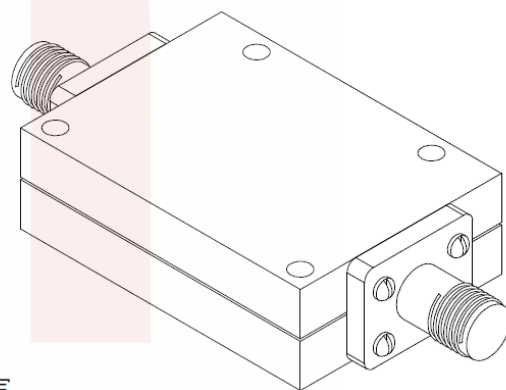
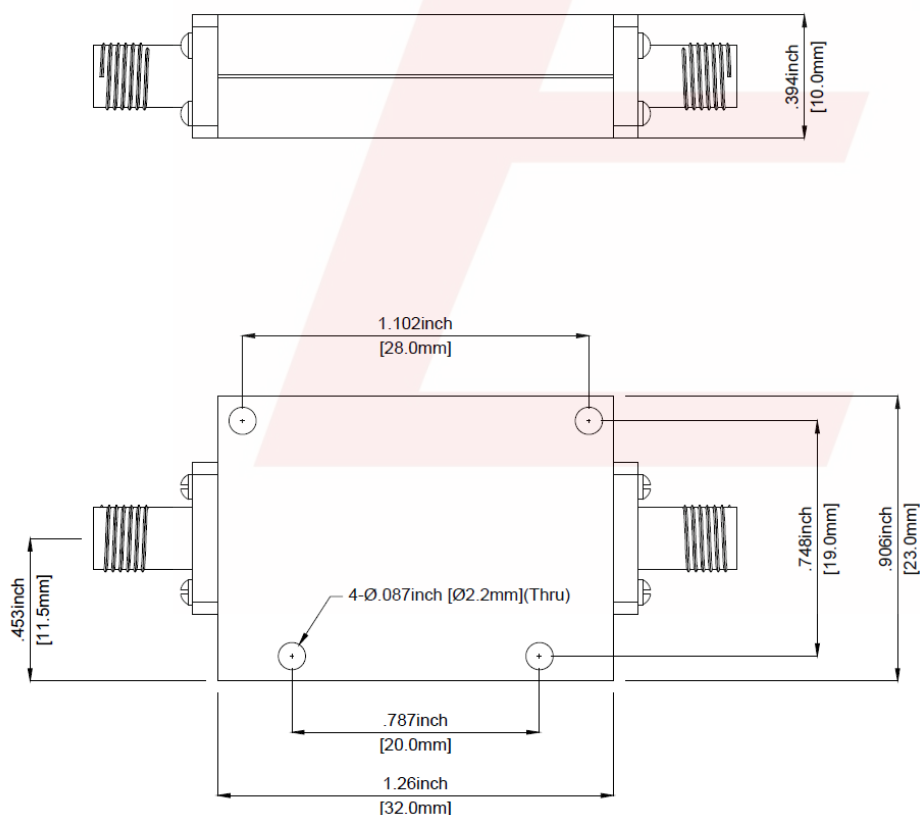
Operating Temperature: -45°C to +85°C

Storage Temperature: -55°C to +95°C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 2000Hz

Outline Drawing:



DS-SSH6559-01312022-Rev0



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Response Plot:



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