



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5500 MHz Suspended Stripline High Pass Filter

Part Number: AE5500SSH6558



Electrical Specifications

Cut Off Frequency: 5.5GHz
Pass Band Frequency: 5.5~23GHz
Pass Band Insertion Loss: $\leq 2.0\text{dB}$ @ 5.5~5.8GHz
 $\leq 1.0\text{dB}$ @ 5.8~23GHz
Pass Band VSWR: $\leq 1.5:1$ @ 5.5~20GHz
 $\leq 1.8:1$ @ 20~23GHz
Stop Band Attenuation: $\geq 60\text{dB}$ @ DC~4.95GHz
Impedance: 50 Ohms In/Out
Power Handling: $\leq 15\text{ W CW}$

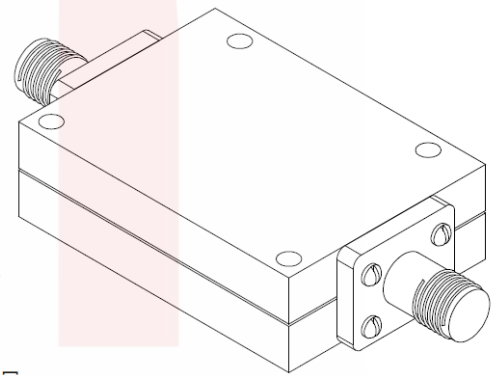
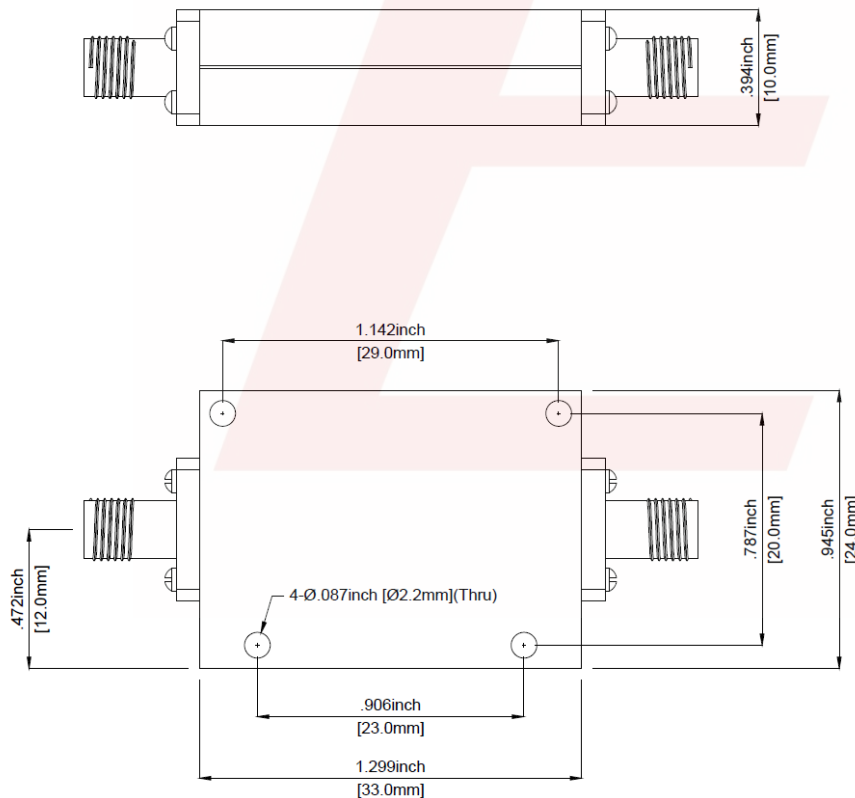
Mechanical

Mounting Method: Through Holes
Connector Type: SMA (F)
Dimensions: 33 x 24 x 10 mm

Environmental

Operating Temperature: -45°C to $+85^{\circ}\text{C}$
Storage Temperature: -55°C to $+95^{\circ}\text{C}$
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 2000Hz

Outline Drawing:



2 decimal places: ± 0.01 inches [$\pm 0.3\text{mm}$]
3 decimal places: ± 0.005 inches [$\pm 0.13\text{mm}$]
Angles: ± 1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

DS-SSH6558-01252019-Rev0



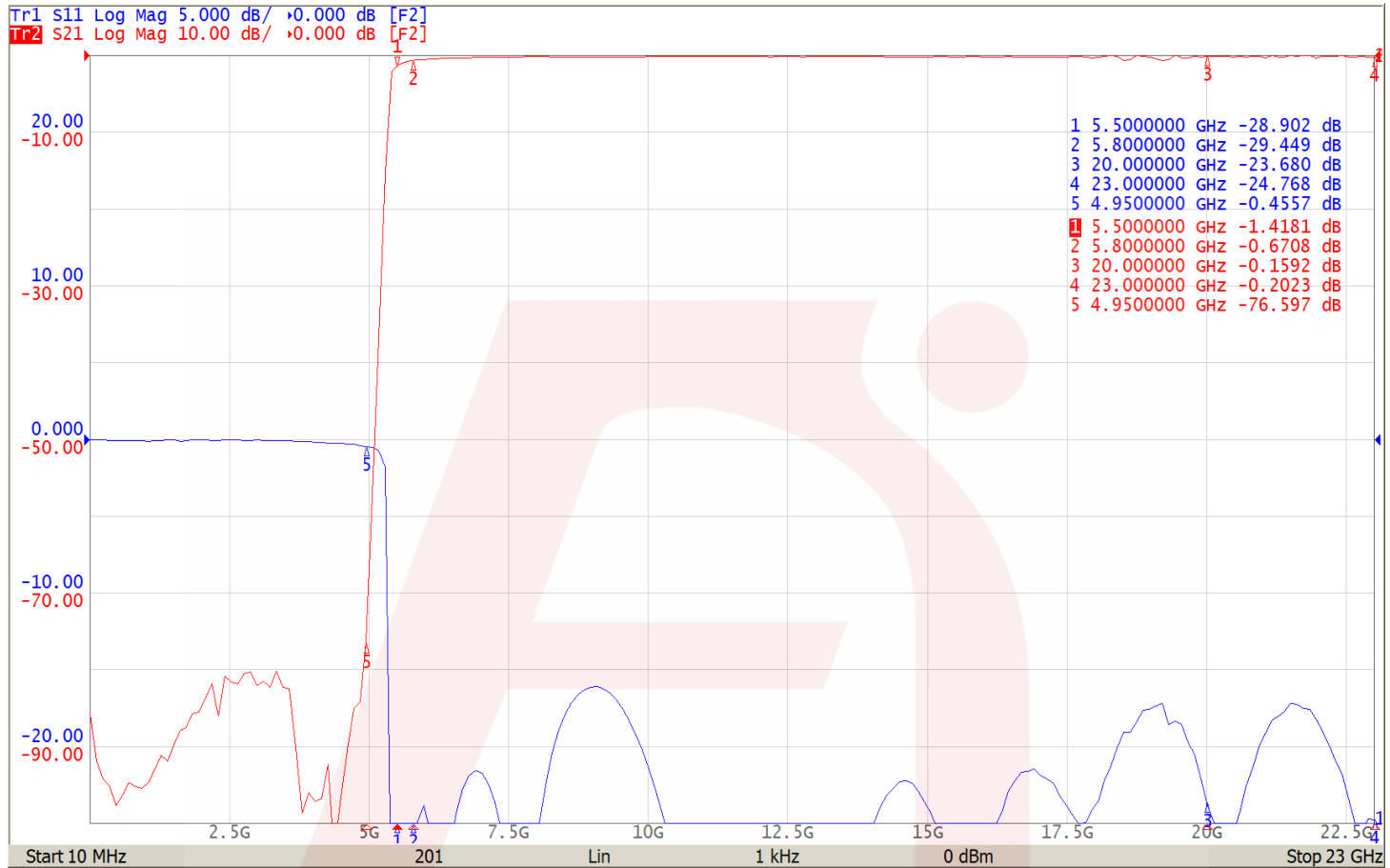
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Response Plot:

4/1/2021 11:02:42 AM



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