



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:

≤2.0dB @ 5.5~5.8GHz

≤1.0dB @ 5.8~23GHz

Pass Band VSWR:

≤1.5:1 @ 5.5~20GHz

≤1.8:1 @ 20~23GHz

Stop Band Attenuation: ≥60dB @ DC~4.95GHz

Impedance: 50 Ohms

Power Handling: ≤15W

Mechanical

Mounting Method: Through Holes

Connector Type: SMA-Female

Dimensions: 33 x 24 x 10 mm

Environmental

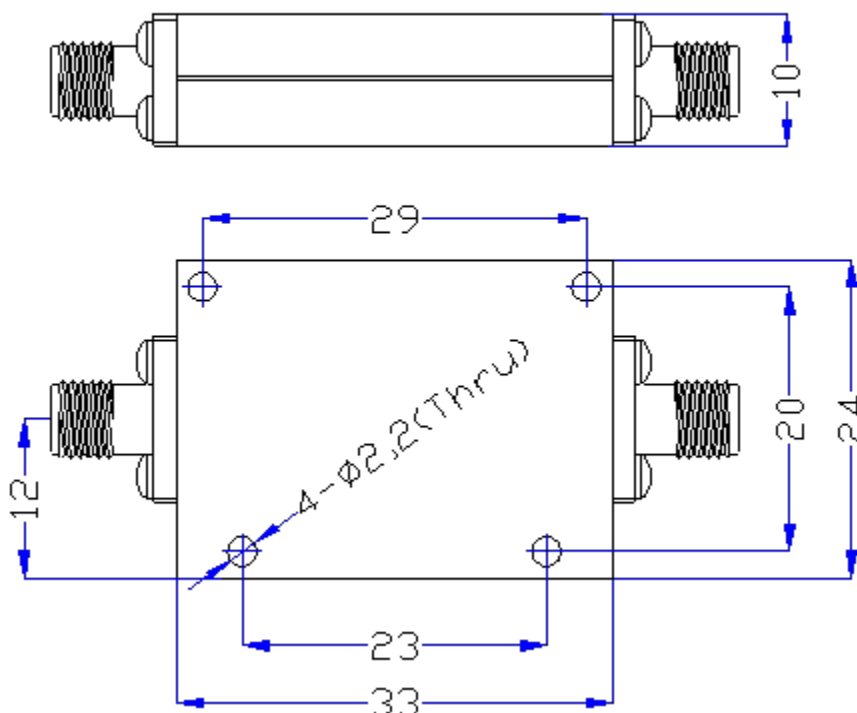
Operating Temperature: -45 to +85° C

Storage Temperature: -55 to +95° C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



2 decimal places: +/-0.01 inches [+/-0.3mm]

3 decimal places: +/-0.005 inches [+/-0.13mm]

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.