



# 8500 MHz Suspended Stripline High Pass Filter

Part Number: AE8500SSH6602



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## Electrical Specifications

- Cut Off Frequency:** 8.5GHz
- Pass Band Frequency:** 8.5~28GHz
- Pass Band Insertion Loss:**
  - ≤1.5dB @ 8.5~8.8GHz
  - ≤1.0dB @ 8.8~28GHz
- Pass Band VSWR:**
  - ≤1.5:1 @ 8.5~20GHz
  - ≤1.8:1 @ 20~28GHz
- Stop Band Attenuation:** ≥50dB @ DC~7.1GHz
- Impedance:** 50 Ohms
- Power Handling:** ≤15W

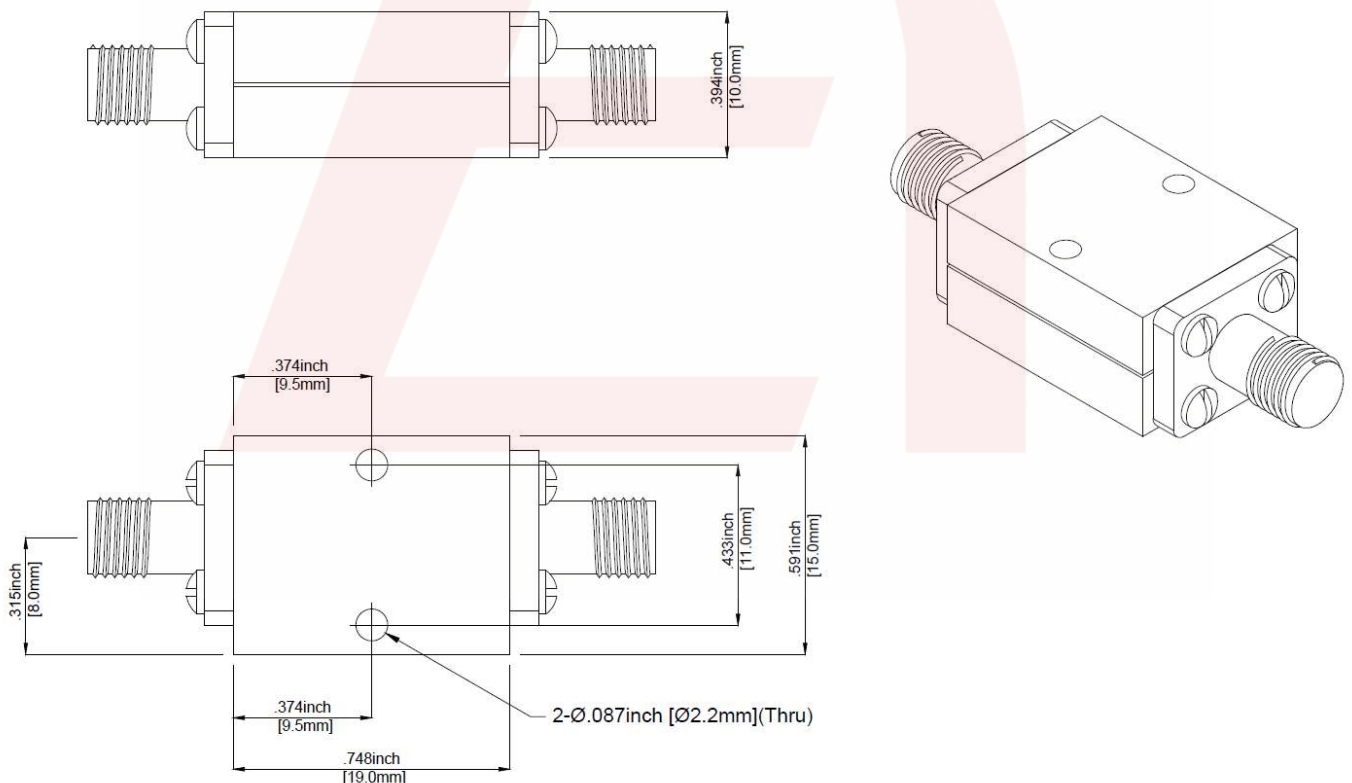
## Mechanical

- Mounting Method:** Through Holes
- Connector Type:** SMA-Female
- Dimensions:** 19 x 15 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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