



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

# 1500 MHz Suspended Stripline High Pass Filter

**Part Number: AE1500SSH6547**



## Electrical Specifications

**Cut Off Frequency:** 1.5GHz  
**Pass Band Frequency:** 1.5~8.0GHz  
**Pass Band Insertion Loss:**  
 $\leq 2.0\text{dB}$  @ 1.5~1.65GHz  
 $\leq 1.0\text{dB}$  @ 1.65~8.0GHz  
**Pass Band VSWR:**  $\leq 1.5:1$   
**Stop Band Attenuation:**  $\geq 60\text{dB}$  @ DC~1.28GHz  
**Impedance:** 50 Ohms  
**Power Handling:**  $\leq 15\text{W}$

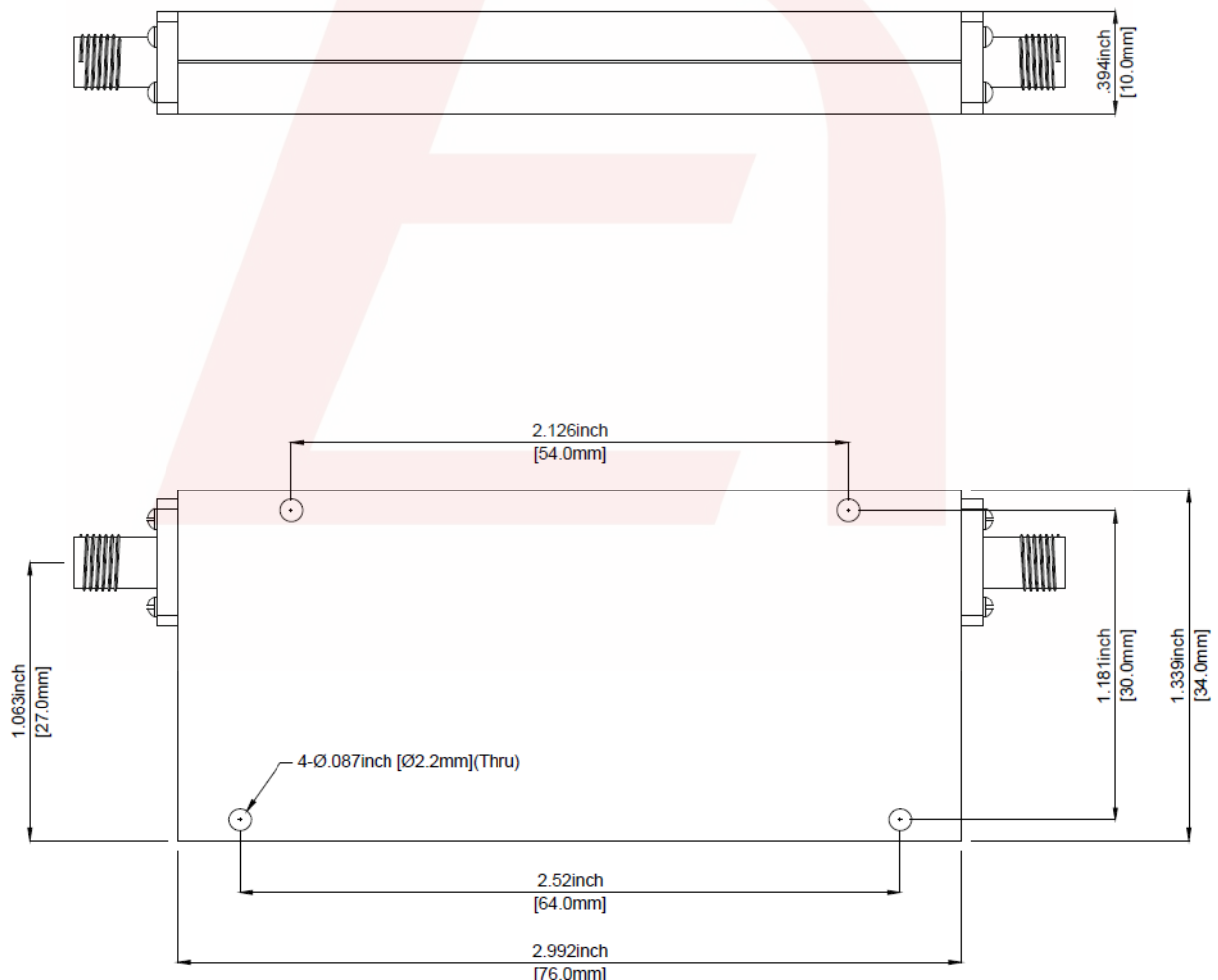
## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 76 x 34 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:



DS-SSH6547-01252019-Rev0