



# 12000 MHz Suspended Stripline High Pass Filter



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

**Part Number: AE12000SSH6570**

## Electrical Specifications

**Cut Off Frequency:** 12.0GHz  
**Pass Band Frequency:** 12~24.5GHz  
**Pass Band Insertion Loss:**  
≤2.0dB @ 12~12.5GHz  
≤1.0dB @ 12.5~24.5GHz  
**Pass Band VSWR:**  
≤1.6:1 @ 12~20GHz  
≤1.8:1 @ 20~24.5GHz  
**Stop Band Attenuation:** ≥60dB @ DC~11GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

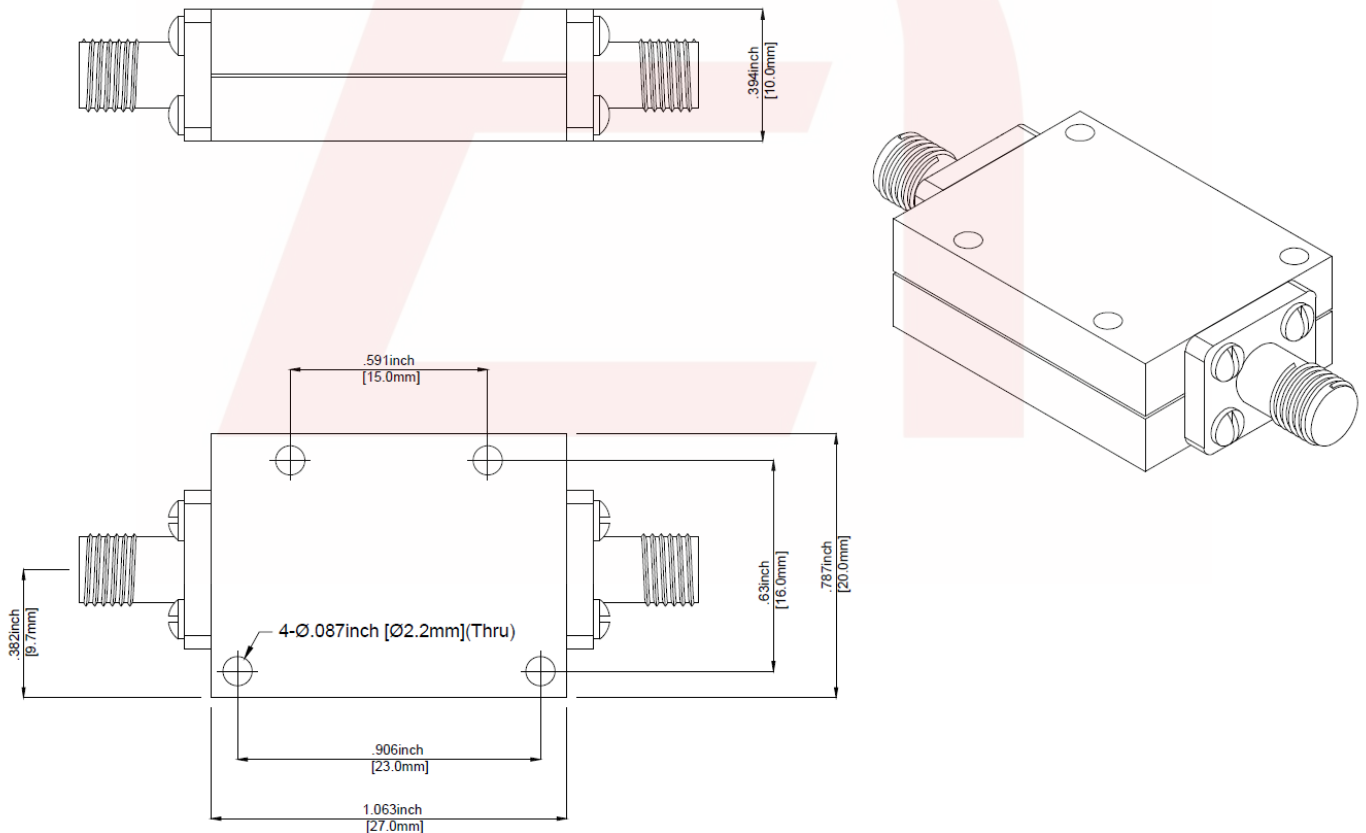
## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 27 x 20 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-SSH6570-01252019-Rev0