



# 8500 MHz Suspended Stripline High Pass Filter

Part Number: AE8500SSH6563



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

## Electrical Specifications

**Cut Off Frequency:** 8.5GHz

**Pass Band Frequency:** 8.5~25GHz

**Pass Band Insertion Loss:**

≤2.0dB @ 8.5~9.0GHz

≤1.0dB @ 9.0~25GHz

**Pass Band VSWR:**

≤1.5:1 @ 8.5~20GHz

≤1.8:1 @ 20~25GHz

**Stop Band Attenuation:** ≥60dB @ DC~7.68GHz

**Impedance:** 50 Ohms

**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes

**Connector Type:** SMA-Female

**Dimensions:** 28 x 20 x 10 mm

## Environmental

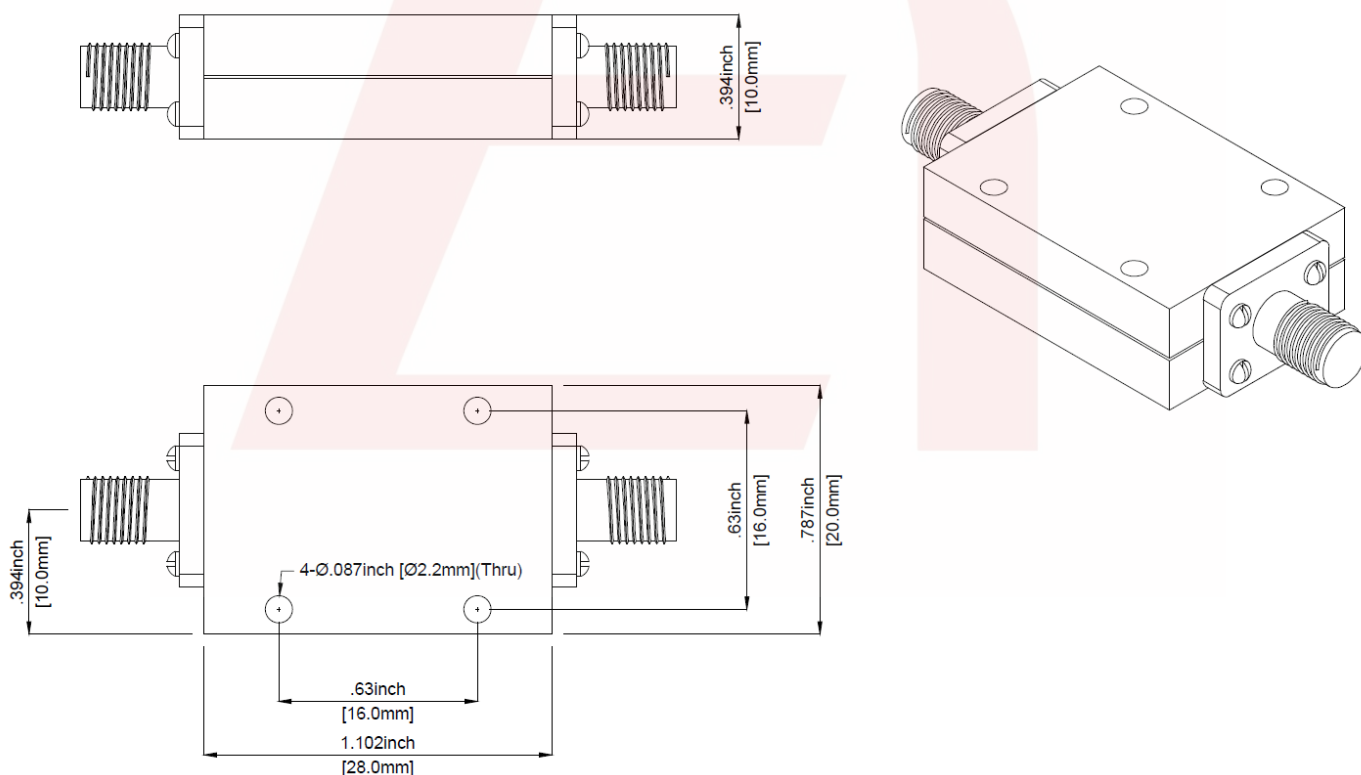
**Operating Temperature:** -45 to +85° C

**Storage Temperature:** -55 to +95° C

**Shock:** 20 G. 11ms

**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:



DS-SSH6563-01252019-Rev0