



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

# 10000 MHz Suspended Stripline High Pass Filter

**Part Number: AE10000SSH6566**



## Electrical Specifications

**Cut Off Frequency:** 10GHz  
**Pass Band Frequency:** 10~24GHz  
**Pass Band Insertion Loss:**  
 $\leq 2.0\text{dB @ } 10\sim 10.5\text{GHz}$   
 $\leq 1.0\text{dB @ } 10.5\sim 24\text{GHz}$   
**Pass Band VSWR:**  
 $\leq 1.5:1 @ 10\sim 20\text{GHz}$   
 $\leq 1.8:1 @ 20\sim 24\text{GHz}$   
**Stop Band Attenuation:**  $\geq 60\text{dB @ DC}\sim 9.17\text{GHz}$   
**Impedance:** 50 Ohms  
**Power Handling:**  $\leq 15\text{W}$

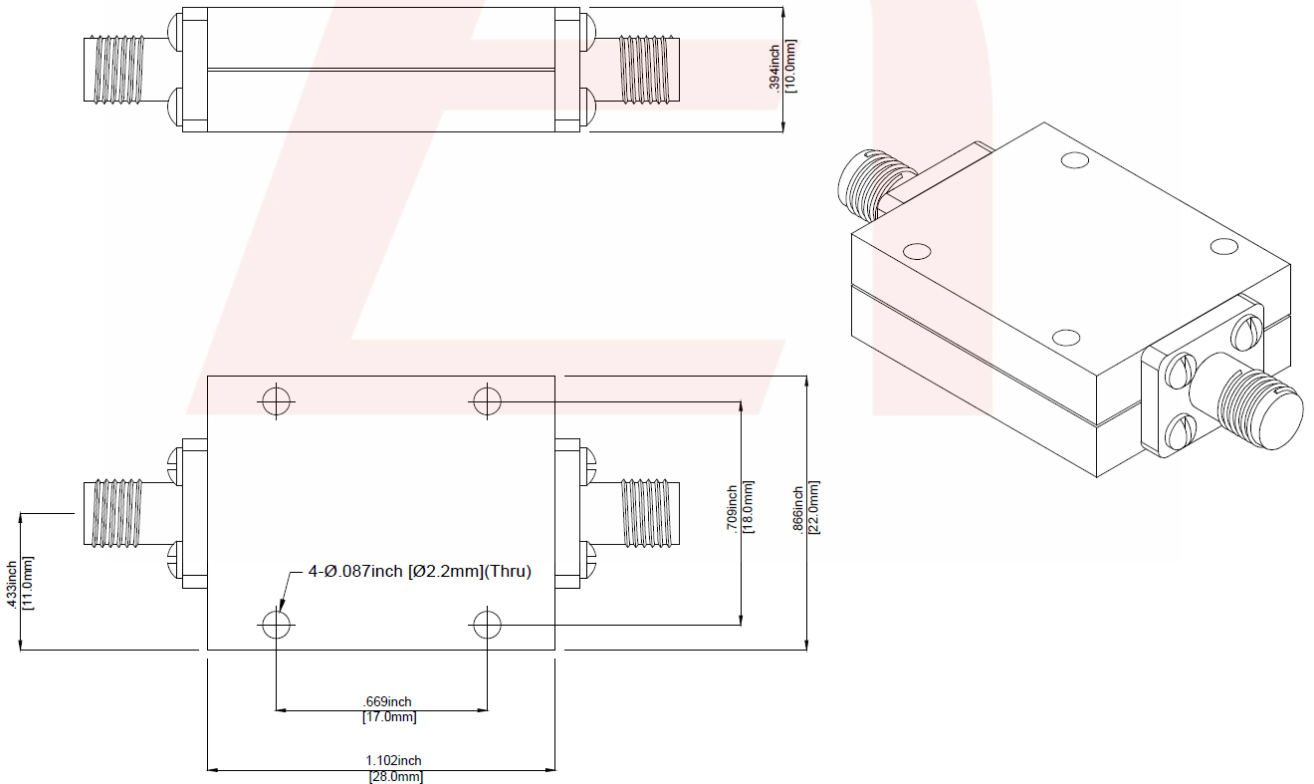
## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 28 x 22 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-SSH6566-01262022-Rev0

70 Outwater Lane Phone: (973) 772-4242  
 Garfield, NJ 07026 Fax : (973) 321-3941

Email: [sales@anatechelectronics.com](mailto:sales@anatechelectronics.com)  
 Web: [www.anatechelectronics.com](http://www.anatechelectronics.com)



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

# 10000 MHz Suspended Stripline High Pass Filter

Part Number: AE10000SSH6566



## Response Plot:



DS-SSH6566-01262022-Rev0

70 Outwater Lane Phone: (973) 772-4242  
Garfield, NJ 07026 Fax : (973) 321-3941

Email: [sales@anatechelectronics.com](mailto:sales@anatechelectronics.com)  
Web: [www.anatechelectronics.com](http://www.anatechelectronics.com)