



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

# 5000 MHz Suspended Stripline High Pass Filter

**Part Number: AE5000SSH6596**



## Electrical Specifications

**Cut Off Frequency:** 5.0GHz  
**Pass Band Frequency:** 5.0~24GHz  
**Pass Band Insertion Loss:**  
≤1.5dB @ 5.0~5.2GHz  
≤1.0dB @ 5.2~24GHz  
**Pass Band VSWR:**  
≤1.5:1 @ 5.0~20GHz  
≤1.8:1 @ 20~24GHz  
**Stop Band Attenuation:** ≥50dB @ DC~4.0GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 23 x 16 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:

