



# 6000 MHz Suspended Stripline High Pass Filter

Part Number: AE6000SSH6559



## Electrical Specifications

**Cut Off Frequency:** 6.0GHz  
**Pass Band Frequency:** 6.0~24GHz  
**Pass Band Insertion Loss:**  
≤2.0dB @ 6.0~6.3GHz  
≤1.0dB @ 6.3~24GHz  
**Pass Band VSWR:**  
≤1.5:1 @ 6.0~20GHz  
≤1.8:1 @ 20~24GHz  
**Stop Band Attenuation:** ≥60dB @ DC~5.4GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 32 x 23 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:

