



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

# 18000 MHz Suspended Stripline High Pass Filter

**Part Number: AE18000SSH6615**



## Electrical Specifications

**Cut Off Frequency:** 18GHz  
**Pass Band Frequency:** 18~40GHz  
**Pass Band Insertion Loss:**  
≤2.0dB @ 18~19.5GHz  
≤1.0dB @ 19.5~40GHz  
**Pass Band VSWR:** ≤1.8:1  
**Rejection 1:** 50dB Min @ DC~15GHz  
**Rejection 2:** 30 dB Min @ 17 GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 12.7 x 12.7 x 10.0 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:

