



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

# 3500 MHz Suspended Stripline High Pass Filter

**Part Number: AE3500SSH6542**



## Electrical Specifications

**Cut Off Frequency:** 3.5 GHz  
**Pass Band Frequency:** 3.5~19GHz  
**Pass Band Insertion Loss:**  
≤2.0dB @ 3.5~3.7GHz  
≤1.0dB @ 3.7~19GHz  
**Pass Band VSWR:** ≤1.5:1  
**Stop Band Attenuation:**  
≥60dB @ DC~3.08GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 41 x 29 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:

