



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

# 10500 MHz Suspended Stripline High Pass Filter

**Part Number: AE10500SSH6606**



## Electrical Specifications

**Cut Off Frequency:** 10.5GHz  
**Pass Band Frequency:** 10.5~40GHz  
**Pass Band Insertion Loss:**  
≤2.0dB @ 10.5~11.3GHz  
≤1.0dB @ 11.3~40GHz  
**Pass Band VSWR:**  
≤1.6:1 @ 10.5~20GHz  
≤1.8:1 @ 20~40GHz  
**Stop Band Attenuation:** ≥50dB @ DC~8.5GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 15.0 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:

