



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

# 4500 MHz Suspended Stripline High Pass Filter

**Part Number: AE4500SSH6556**



## Electrical Specifications

**Cut Off Frequency:** 4.5GHz

**Pass Band Frequency:** 4.5~21GHz

**Pass Band Insertion Loss:**

≤2.0dB @ 4.5~4.75GHz

≤1.0dB @ 4.75~21GHz

**Pass Band VSWR:**

≤1.5:1 @ 4.5~20GHz

≤1.7:1 @ 20~21GHz

**Stop Band Attenuation:** ≥60dB @ DC~3.98GHz

**Impedance:** 50 Ohms

**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes

**Connector Type:** SMA-Female

**Dimensions:** 36 x 25 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:

