



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

# 6500 MHz Suspended Stripline High Pass Filter

**Part Number: AE6500SSH6599**



## Electrical Specifications

**Cut Off Frequency:** 6.5GHz  
**Pass Band Frequency:** 6.5~25GHz  
**Pass Band Insertion Loss:**  
≤1.5dB @ 6.5~6.7GHz  
≤1.0dB @ 6.7~25GHz  
**Pass Band VSWR:**  
≤1.5:1 @ 6.5~20GHz  
≤1.8:1 @ 20~25GHz  
**Stop Band Attenuation:** ≥50dB @ DC~5.4GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

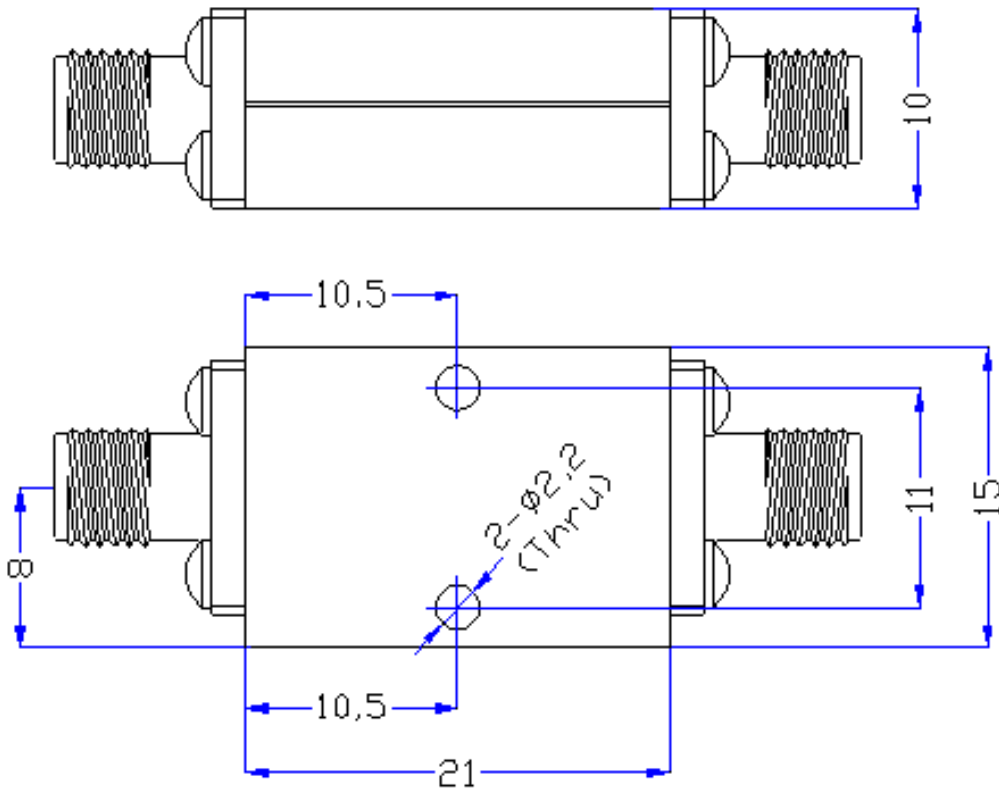
## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 21 x 15 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:





### Response Plot

