



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

# 6500 MHz Suspended Stripline High Pass Filter

**Part Number: AE6500SSH6560**



## Electrical Specifications

**Cut Off Frequency:** 6.5GHz  
**Pass Band Frequency:** 6.5~24GHz  
**Pass Band Insertion Loss:**  
≤2.0dB @ 6.5~6.85GHz  
≤1.0dB @ 6.85~24GHz  
**Pass Band VSWR:**  
≤1.5:1 @ 6.5~20GHz  
≤1.8:1 @ 20~24GHz  
**Stop Band Attenuation:** ≥60dB @ DC~5.83GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

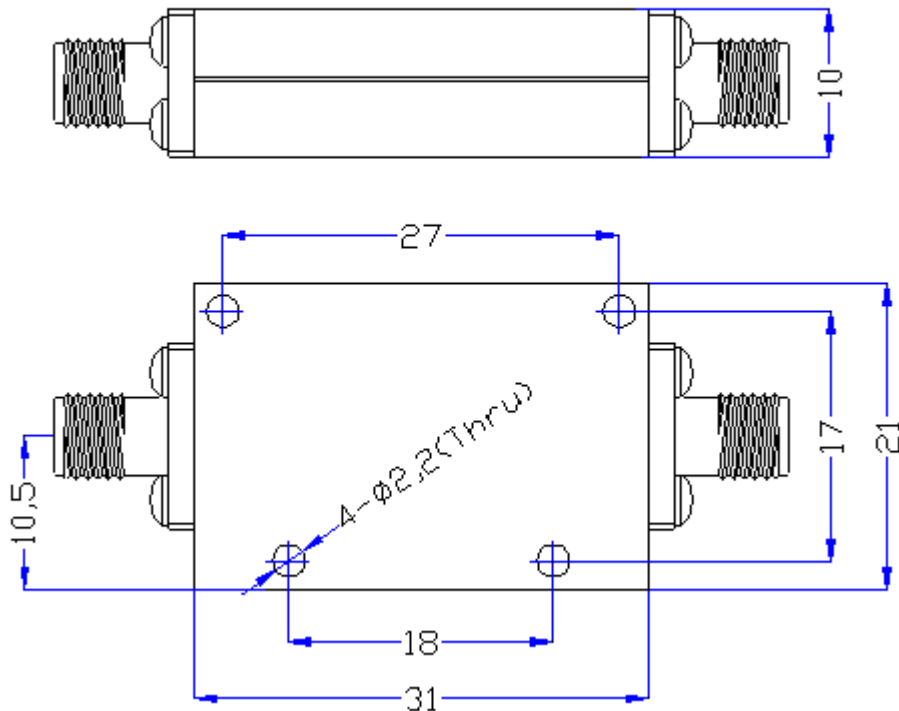
## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 31 x 21 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:





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## Response Plot

