



# 8500 MHz Suspended Stripline High Pass Filter

**Part Number: AE8500SSH6563**



## Electrical Specifications

**Cut Off Frequency:** 8.5GHz  
**Pass Band Frequency:** 8.5~25GHz  
**Pass Band Insertion Loss:**  
≤2.0dB @ 8.5~9.0GHz  
≤1.0dB @ 9.0~25GHz  
**Pass Band VSWR:**  
≤1.5:1 @ 8.5~20GHz  
≤1.8:1 @ 20~25GHz  
**Stop Band Attenuation:** ≥60dB @ DC~7.68GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 28 x 20 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:

