



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

# 10000 MHz Suspended Stripline Low Pass Filter

**Part Number: AE10000SSL1050**



## Electrical Specifications

**Cut Off Frequency:** 10.0GHz  
**Pass Band Frequency:** DC~10GHz  
**Pass Band Insertion Loss:**  
≤1.0dB @ DC~9.9GHz  
≤1.5dB @ 9.9~10GHz  
**Pass Band VSWR:** ≤1.4:1  
**Stop Band Attenuation:** ≥50dB @ 10.9~18.5GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

## Mechanical

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

