



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

# 9000 MHz Suspended Stripline Low Pass Filter

**Part Number: AE9000SSL1048**



## Electrical Specifications

**Cut Off Frequency:** 9.0GHz  
**Pass Band Frequency:** DC~9.0GHz  
**Pass Band Insertion Loss:**  
≤1.0dB @ DC~8.9GHz  
≤1.5dB @ 8.9~9.0GHz  
**Pass Band VSWR:** ≤1.4:1  
**Stop Band Attenuation:** ≥50dB @ 9.8~17GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 29 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:

