



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

# 12000 MHz Suspended Stripline Low Pass Filter

**Part Number: AE12000SSL1054**



## Electrical Specifications

**Cut Off Frequency:** 12GHz  
**Pass Band Frequency:** DC~12GHz  
**Pass Band Insertion Loss:**  
≤1.0dB @ DC~11.7GHz  
≤1.5dB @ 11.7~12GHz  
**Pass Band VSWR:** ≤1.5:1  
**Stop Band Attenuation:** ≥50dB @ 13.1~20GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 24 x 19 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:

