



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

# 7500 MHz Suspended Stripline Low Pass Filter

**Part Number: AE7500SSL1045**



## Electrical Specifications

**Cut Off Frequency:** 7.5GHz  
**Pass Band Frequency:** DC~7.5GHz  
**Pass Band Insertion Loss:**  
≤1.0dB @ DC~7.4GHz  
≤1.5dB @ 7.4~7.5GHz  
**Pass Band VSWR:** ≤1.4:1  
**Stop Band Attenuation:** ≥50dB @ 8.3~15.8GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 30 x 22 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:

