



**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:

