



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:

