



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

8000 MHz Suspended Stripline Low Pass Filter

Part Number: AE8000SSL1046



Electrical Specifications

Cut Off Frequency: 8.0GHz
Pass Band Frequency: DC~8.0GHz
Pass Band Insertion Loss:
 $\leq 1.0\text{dB @ DC}\sim 7.9\text{GHz}$
 $\leq 1.5\text{dB @ } 7.9\sim 8.0\text{GHz}$
Pass Band VSWR: $\leq 1.4:1$
Stop Band Attenuation: $\geq 50\text{dB @ } 8.8\sim 16.2\text{GHz}$
Impedance: 50 Ohms
Power Handling: $\leq 15\text{W}$

Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 30 x 22 x 10 mm

Environmental

Operating Temperature: -45° to $+85^\circ$ C
Storage Temperature: -55° to $+95^\circ$ C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:

