



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

18500 MHz Suspended Stripline Low Pass Filter

Part Number: AE18500SSL1063



Electrical Specifications

Cut Off Frequency: 18.5GHz
Pass Band Frequency: DC~18.5GHz
Pass Band Insertion Loss:
 $\leq 1.0\text{dB @ DC}\sim 17.7\text{GHz}$
 $\leq 3.0\text{dB @ } 17.7\sim 18.5\text{GHz}$
Pass Band VSWR: $\leq 1.6:1$
Stop Band Attenuation: $\geq 50\text{dB @ } 19.6\sim 26\text{GHz}$
Impedance: 50 Ohms
Power Handling: $\leq 15\text{W}$

Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 18 x 17 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:

