



# 18000 MHz Suspended Stripline Low Pass Filter

Part Number: AE18000SSL1062



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

## Electrical Specifications

- Cut Off Frequency:** 18GHz
- Pass Band Frequency:** DC~18GHz
- Pass Band Insertion Loss:**
  - ≤1.0dB @ DC~17.3GHz
  - ≤3.0dB @ 17.3~18GHz
- Pass Band VSWR:** ≤1.6:1
- Stop Band Attenuation:** ≥50dB @ 19.1~26GHz
- Impedance:** 50 Ohms
- Power Handling:** ≤15W

## Mechanical

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

