



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

8000 MHz Suspended Stripline High Pass Filter

Part Number: AE8000SSH6543



Electrical Specifications

Cut Off Frequency: 8.0GHz
Pass Band Frequency: 8.0~25GHz
Pass Band Insertion Loss:
 $\leq 2.0\text{dB @ } 8.0\sim 8.5\text{GHz}$
 $\leq 1.0\text{dB @ } 8.5\sim 25\text{GHz}$
Pass Band VSWR:
 $\leq 1.5:1 @ 8.0\sim 20\text{GHz}$
 $\leq 1.8:1 @ 20\sim 25\text{GHz}$
Stop Band Attenuation: $\geq 60\text{dB @ DC}\sim 7.25\text{GHz}$
Impedance: 50 Ohms
Power: $\leq 15\text{W}$

Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 29 x 21 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:

