



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

4000 MHz Suspended Stripline High Pass Filter

Part Number: AE4000SSH6593



Electrical Specifications

Cut Off Frequency: 4.0GHz
Pass Band Frequency: 4.0~23GHz
Pass Band Insertion Loss:
 $\leq 1.5\text{dB @ } 4.0\sim 4.15\text{GHz}$
 $\leq 1.0\text{dB @ } 4.15\sim 23\text{GHz}$
Pass Band VSWR:
 $\leq 1.5:1 @ 4.0\sim 20\text{GHz}$
 $\leq 1.8:1 @ 20\sim 23\text{GHz}$
Stop Band Attenuation: $\geq 50\text{dB @ DC}\sim 3.2\text{GHz}$
Impedance: 50 Ohms
Power Handling: $\leq 15\text{W}$

Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 25 x 16 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:

