



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

12000 MHz Low Pass Filter

Part Number: AE12000L9225



Electrical Specifications

Cutoff Frequency (Fc): 12000 MHz
Passband: DC-12000 MHz
Insertion Loss: $\leq 0.4\text{dB}$ @ 9200-9500 MHz
Insertion Loss2: 1.2dB @ 12000MHz
VSWR: $\geq 1.5:1$ @ 9200-9500 MHz
VSWR2: $\geq 1.785:1$ @ 12000 MHz
Rejection: $\geq 25\text{dB}$ @ 14400 MHz
Rejection: $\geq 55\text{dB}$ @ 18000 MHz
Rejection: $\geq 55\text{dB}$ @ 25000 MHz
Impedance: 50 Ohm
Power Handling: 50 Watts

Mechanical

Connector Type: SMA(F) & SMA(M)
Dimensions: 7 mm Dia x 42.5 mm Long

Environmental

Operating Temperature: -45°C to $+85^{\circ}\text{C}$
Storage Temperature: -55°C to $+95^{\circ}\text{C}$
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:

