



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

4250 MHz Cavity Band Pass Filter

Part Number: AE4250B11555



Electrical Specifications

Center Frequency: 4250 MHz
Passband bandwidth: 500 MHz (4000~4500MHz)
Passband Insertion loss: $\leq 0.65\text{dB}$
Passband VSWR: $\leq 1.3:1$
Stop Band Rejection:
 $\geq 60\text{dB}$ @ DC~3750MHz
 $\geq 60\text{dB}$ @ 4750~10000MHz
Impedance: 50 Ohms
Power Handling: 20 Watts

Mechanical

Mounting Method: Threaded Mounting
Connector Type: SMA (F)
Dimensions: 5.826" X 0.905" x 0.551" in.

Environmental

Operating Temperature: -40°C to $+80^{\circ}\text{C}$
Storage Temperature: -55°C to $+100^{\circ}\text{C}$
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:

