



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5180 MHz Cavity Band Pass Filter

Part Number: AB5180B894



Electrical specifications

Center Frequency: 5180 MHz
Bandwidth: 20 MHz
Input / Output Impedance: 50 Ohms
Passband: 5170-5190 MHz
Passband Insertion Loss: 1.75 dB max
IL Variation: 0.75 dB over PB
Passband Ripple: <0.2 dB
Passband Return Loss: >14 dB
Rejection: DC-(CF-20) MHz, 20 dBc min
Rejection 2: CF+>20 MHz >5700 MHz, approx. 80 dB
Power Handling: 20 W
Group Delay Variation: 4 ns over any 0.5 MHz in PB

Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: N-Type (F) and N-Type (M)
Dimensions: 3.28 x 3.28 x 1.34 Inches

Environmental

Operating Temperature: -30° C to +60° C
Storage Temperature: -55° C to 95° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:

