



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2452 MHz WiFi Cavity Band Pass Filter

Part Number: WiFi4S2452-9



Electrical specifications

Center Frequency: 2452 MHz
1dB Bandwidth: 22 MHz
Input / Output Impedance: 50 Ohms
Passband: 2437-2467 MHz
Passband Insertion Loss: <2 dB (-1.5 dB Typical)
Passband Ripple: <0.25 dB
Passband Return Loss: >15 dB (-18 dB Typical)
Rejection: >45 dB @ 2402 MHz
Rejection 2: >45 dB @ 2502 MHz
Harmonic Rejection: >90 dBc
Power Handling: 50 W

Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: 2 N-Type (F)
Dimensions: 56mm x 56mm x 21mm

Environmental

Operating Temperature: -45 to +85 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:

