



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Cavity Bandpass Filter

Part Number: AB870B508



Electrical specifications

Center Frequency: 870 MHz
Bandwidth: 5 dB
Input / Output Impedance: 50 Ohms
Passband: 868-873 MHz
Passband Insertion Loss: < 4dB (3.0 dB typical)
Passband Ripple: < 0.2 dB
Passband Return Loss: 18 dB
Rejection: > 40 dB (45 dB typical) @878 MHz
Power Handling: 20 W CW, 200 W peak

Mechanical

Mounting Method: 4-40 UNC threaded holes
Connector Type: SMA Female (input)
Dimensions: 79mm x 54mm x 48mm MAX

Environmental

Operating Temperature: 0° C to 50° C
Storage Temperature: -55° C to +95° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:

