ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

WiFi Cavity Bandpass Filter

Part Number: AB2042B685

ISO 9001 REGISTERED FIRM

Electrical specifications

Center Frequency: 2042.5 MHz
Bandwidth: 12 MHz
50 dB Bandwidth: 30 MHz
Input / Output Impedance: 50 Ohms
Passband: 2036.5 - 2048.5 MHz
Passband Insertion Loss: 3 dB max
Passband Ripple: 1.5 dB max
Rejection: >50 dB @ 2027.5 MHz
Rejection 2: >50 dB @ 2057.5 MHz
VSWR (Input and Output): 1.5:1
Power Handling: 50 W

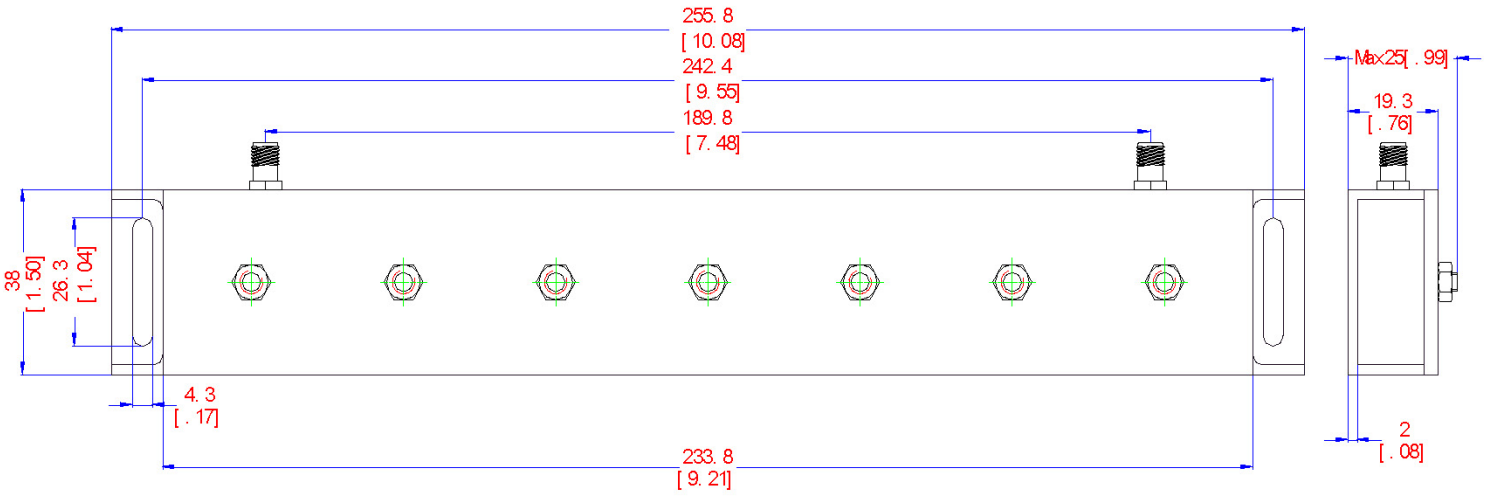
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA (F)
Dimensions: 10.07” X 1.5” X 0.76”

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:



70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 772-4646

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com

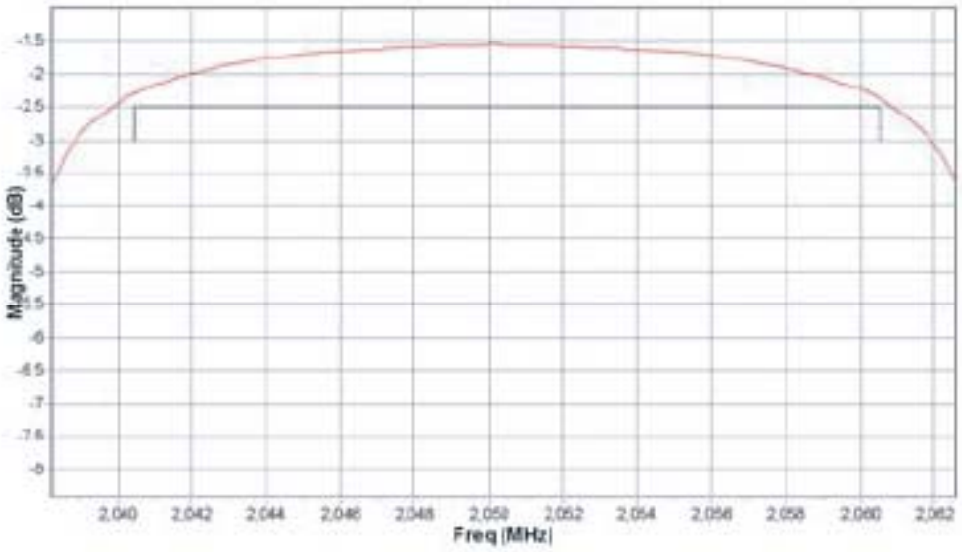
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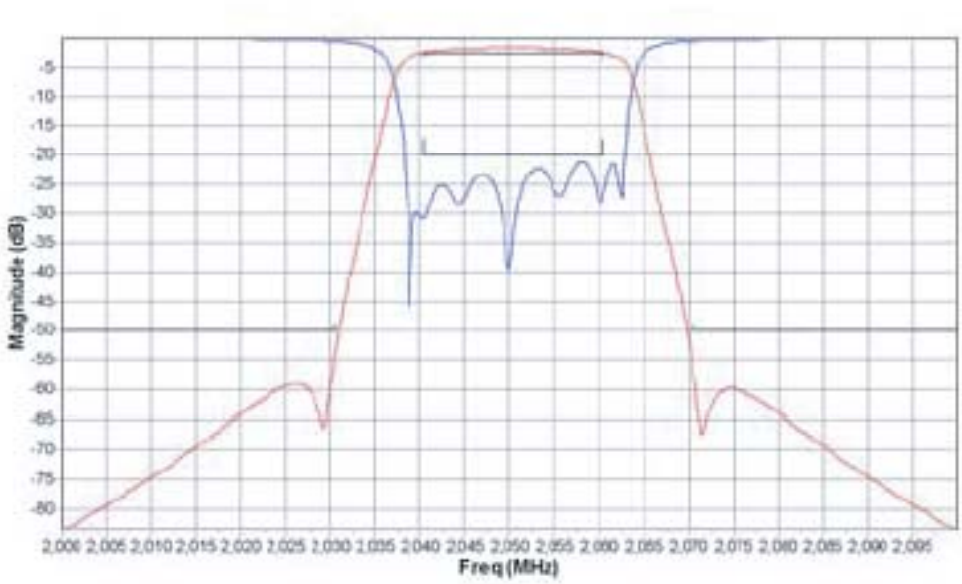
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Response Plot:





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