



Electrical Specifications

Center Frequency: 831.5 MHz
Passband: 814-849 MHz
Insertion Loss: 2.0 dB Max.
Return: 15 dB Min
Rejection1: 70 dB Min @ 1-450 MHz
Rejection2: 50 dB Min @ 450-750 MHz
Rejection3: 60 dB Min @ 750-800 MHz
Rejection4: 30 dB Min @ 800-810 MHz
Rejection5: 15 dB Min @ 851-856 MHz
Rejection6: 35 dB Min @ 856-869 MHz
Rejection7: 55 dB Min @ 869-1000 MHz
Rejection8: 50 dB Min @ 1000-2070 MHz
Impedance: 50 Ohms
Power Handling: 50 W CW max

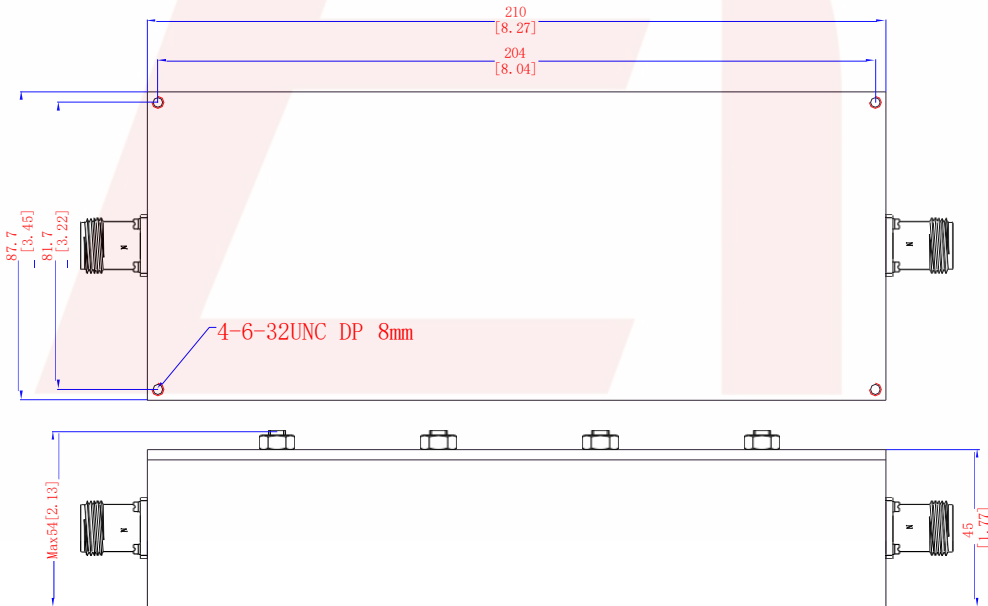
Mechanical

Mounting Method: 6-32 Threaded Holes
Connector Type: N(F)
Dimensions: 8.27" x 3.45" x 2.13" max
 210 x 87.7 x 54 (max) mm

Environmental

Operating Temperature: -40°C to +70°C
Storage Temperature: -55°C to +85°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

DS-B11888-08192021-Rev0



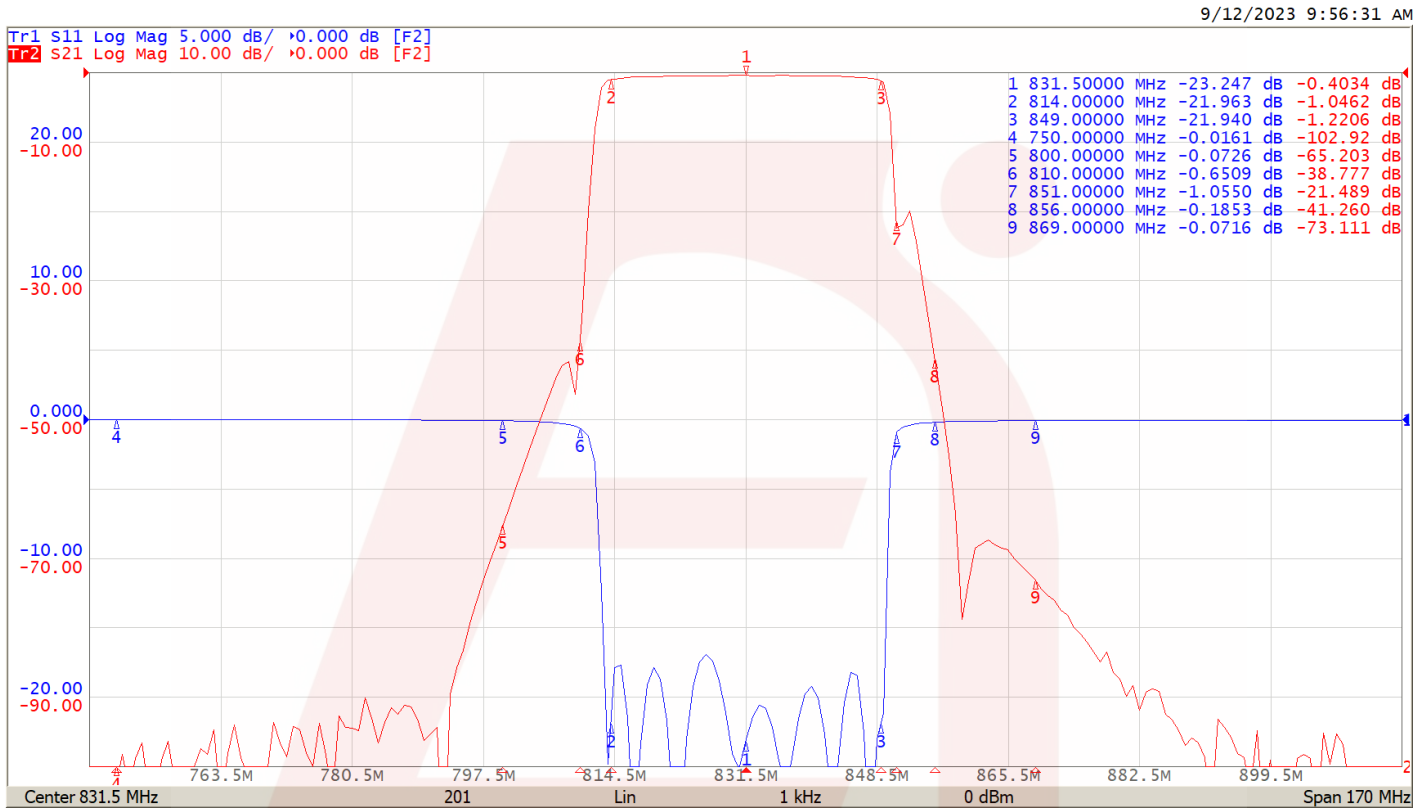
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

831.5 MHz Cavity Band Pass Filter

Part Number: AE831B11888



Response Plot:



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