



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2300-2310 MHz Cavity Filter

Part Number: AB2305B993



Electrical specifications

Center Frequency: 2305 MHz

Bandwidth: 10 MHz

Input / Output Impedance: 50 Ohms

Passband: 2300 – 2310 MHz

Passband variation over bandwidth: <0.5 dB

Passband Insertion Loss: <1.0 dB

Passband Ripple: <0.2 dB

Passband Return Loss: >18 dB

Group delay variation over bandwidth: <15 ns

Rejection: 13 MHz offset from Center Frequency
> 20 dBc

Rejection 2: 20 MHz offset from Center
Frequency > 30 dBc

Power Handling: 20 W (avg)

Peak Power Handling: 150 W

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type: SMA Female

Dimensions: 6.19 x 5.52 x 1.58 in

Environmental

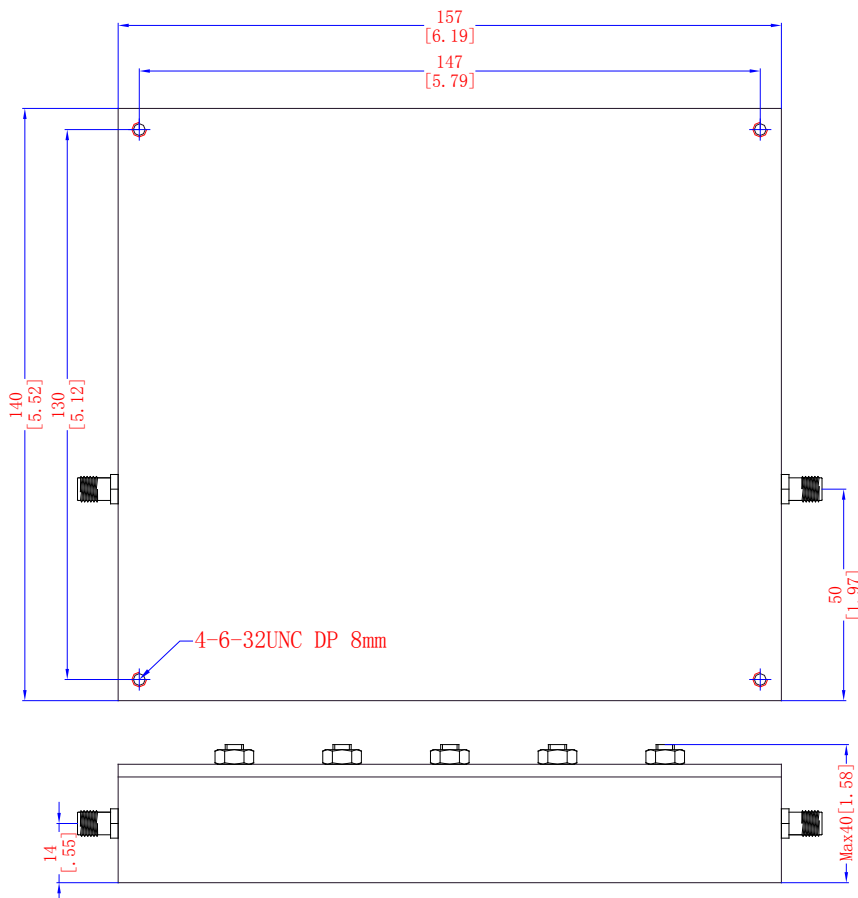
Operating Temperature: 0 to +50 deg.C

Storage Temperature: -55 to +95 deg.C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





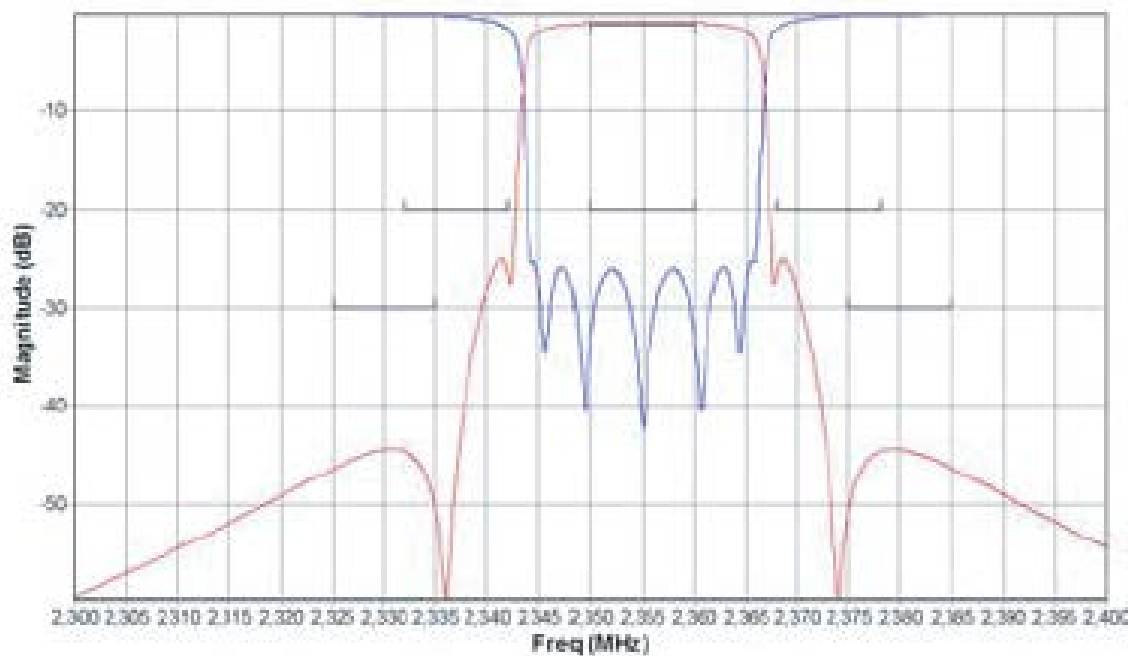
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Response Plot:



Available at our Web store:

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



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Web: www.anatechelectronics.com