



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2200-2300 MHz Cavity Bandpass Filter

Part Number: AB2250B1057



Electrical specifications

Passband: 2200-2300MHz
Passband Insertion Loss: ≤0.8dB
Passband Ripple: ≤0.4dB
Passband Return Loss: ≥19dB
Rejection: ≥95dB@DC-2120MHz
Rejection 2: ≥95dB@2400-4000MHz
Power Handling: 40W(CW)
Input / Output Impedance: 50 Ohms

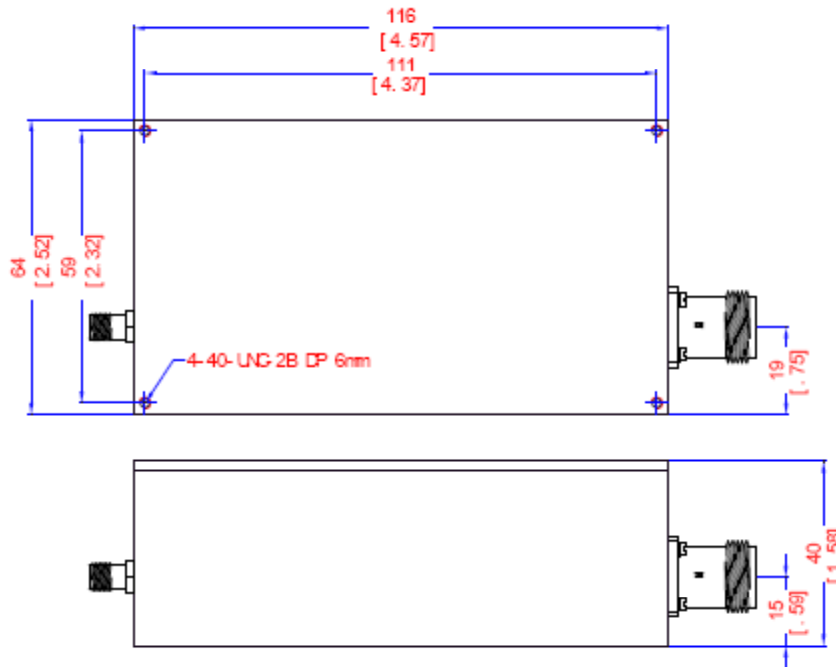
Mechanical

Mounting Method: 4-40 Threaded Hoels
Connector Type: N-Female/SMA-Female
Dimensions: 4.57 x 2.52 x 1.58 inches

Environmental

Operating Temperature: -20 to +55 deg. C
Storage temperature: -65 to +95 deg.C
Shock: 20 G's, 1/2 sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%
Environmentally Sealed: IP65

Outline Drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]

3 decimal places: +/- 0.005 inches [+/- 0.13mm]

Angles: +/- 1 Deg.

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



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Response Plot:

