



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2250 MHz Cavity Band Pass Filter

Part Number: AE2250B1153



Electrical specifications

Passband: 2200-2300MHz
Passband Insertion Loss: $\leq 0.8\text{dB}$
Passband Ripple: $\leq 0.4\text{dB}$
Passband Return Loss: $\geq 19\text{dB}$
Rejection: $\geq 95\text{dB@DC-2120MHz}$
Rejection 2: $\geq 95\text{dB@2400-4000MHz}$
Power Handling: 40W(CW)
Input / Output Impedance: 50 Ohms

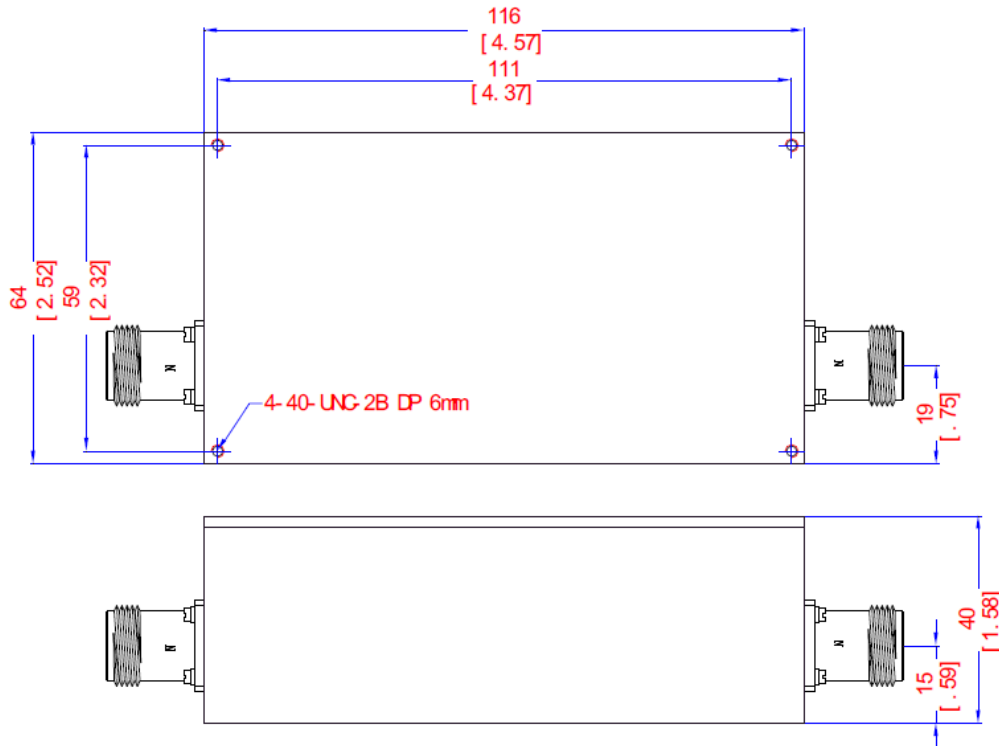
Mechanical

Connector Type: N-Type(F)
Dimensions: 4.57 x 2.52 x 1.58 in.

Environmental

Operating Temperature: -20 to +55 deg. C
Storage temperature: -65 to +95 deg. C
Shock: 20 G. 11ms
Vibration: 20 G. 10-200Hz
Relative Humidity: 0-95%
Environmentally Sealed: IP65

Outline Drawing:





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Simulation Plot:

