



**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

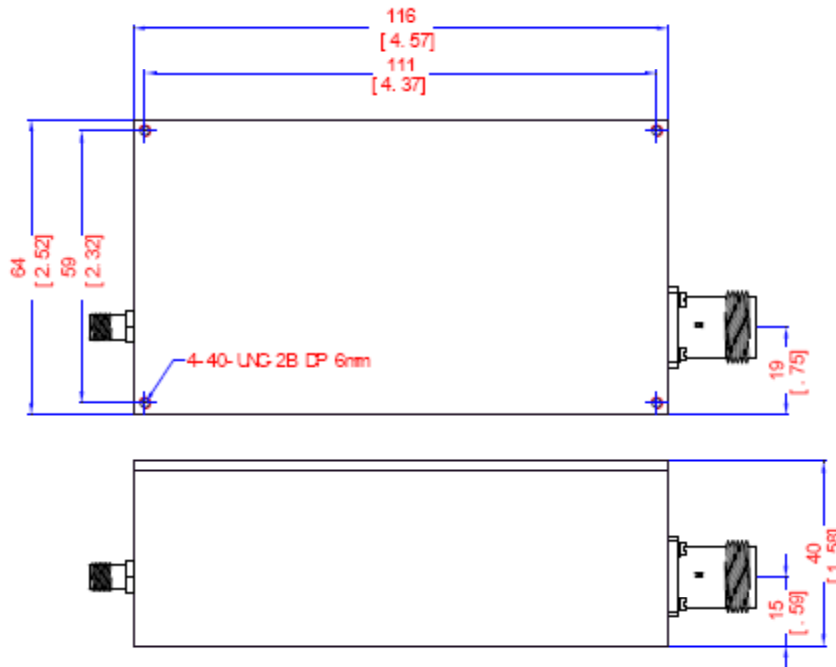
## Mechanical

**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:

