



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

4350 MHz High Pass Filter With SMA Connectors



Part Number: AE4350H9919-E

Electrical Specifications

Cutoff Frequency: 4350 MHz
Passband(PB): 4350-5050 MHz Min.
Insertion Loss in PB: 1.37 dB Max.
VSWR: 1.5:1 Max.
Rejection: ≥ 65dB @ 2800 MHz
Impedance: 50 Ohms In/Out
Power Handling: 1 W CW

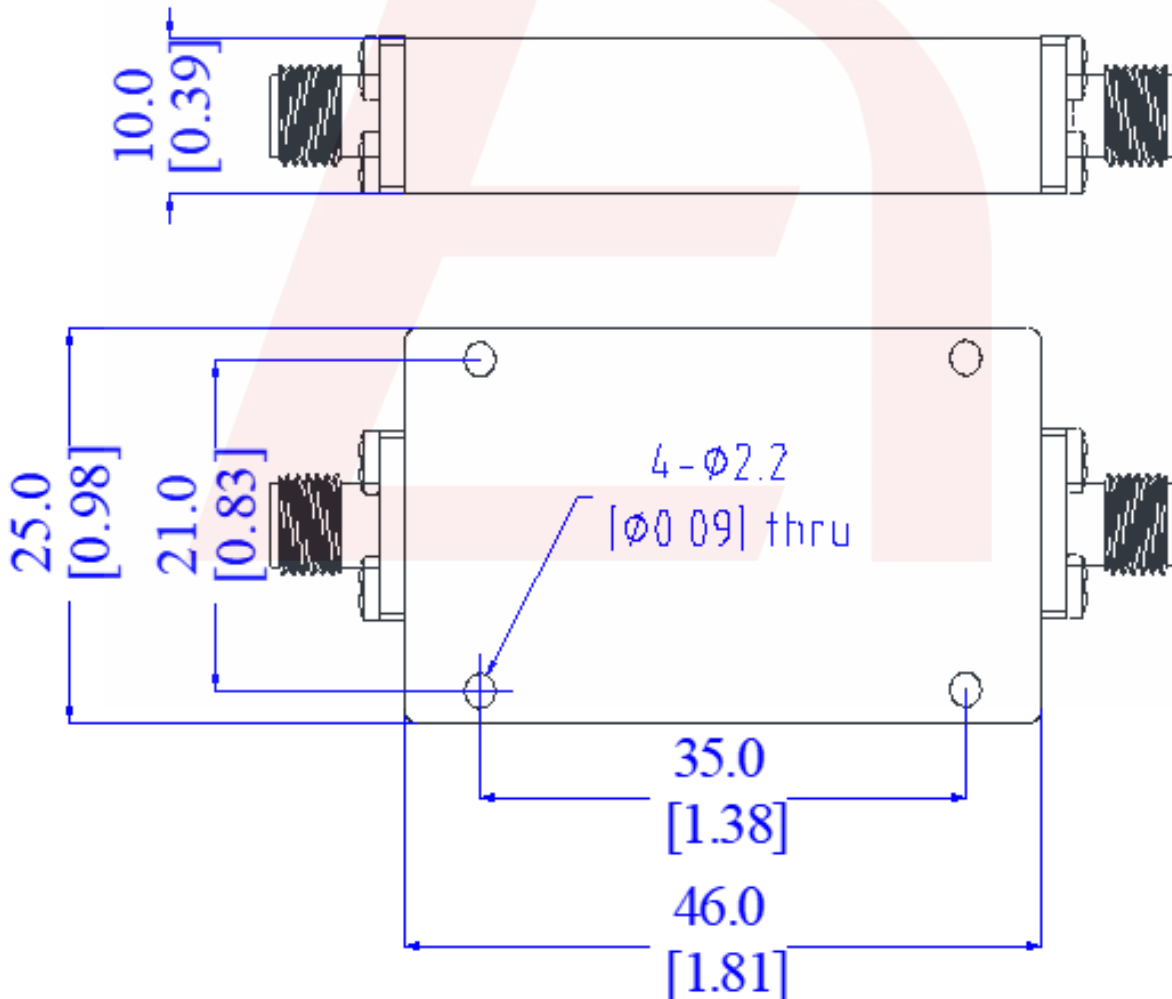
Mechanical

Mounting Method: Through Holes
Connector Type: SMA (F)
Dimensions: 1.81 x 0.98 x 0.39 in
 46.0 X 21.0 x 10.0 mm

Environmental

Operating Temperature: -55°C to +85°C
Storage Temperature: -60°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 2000Hz
Relative Humidity: 95 %

Outline Drawing:



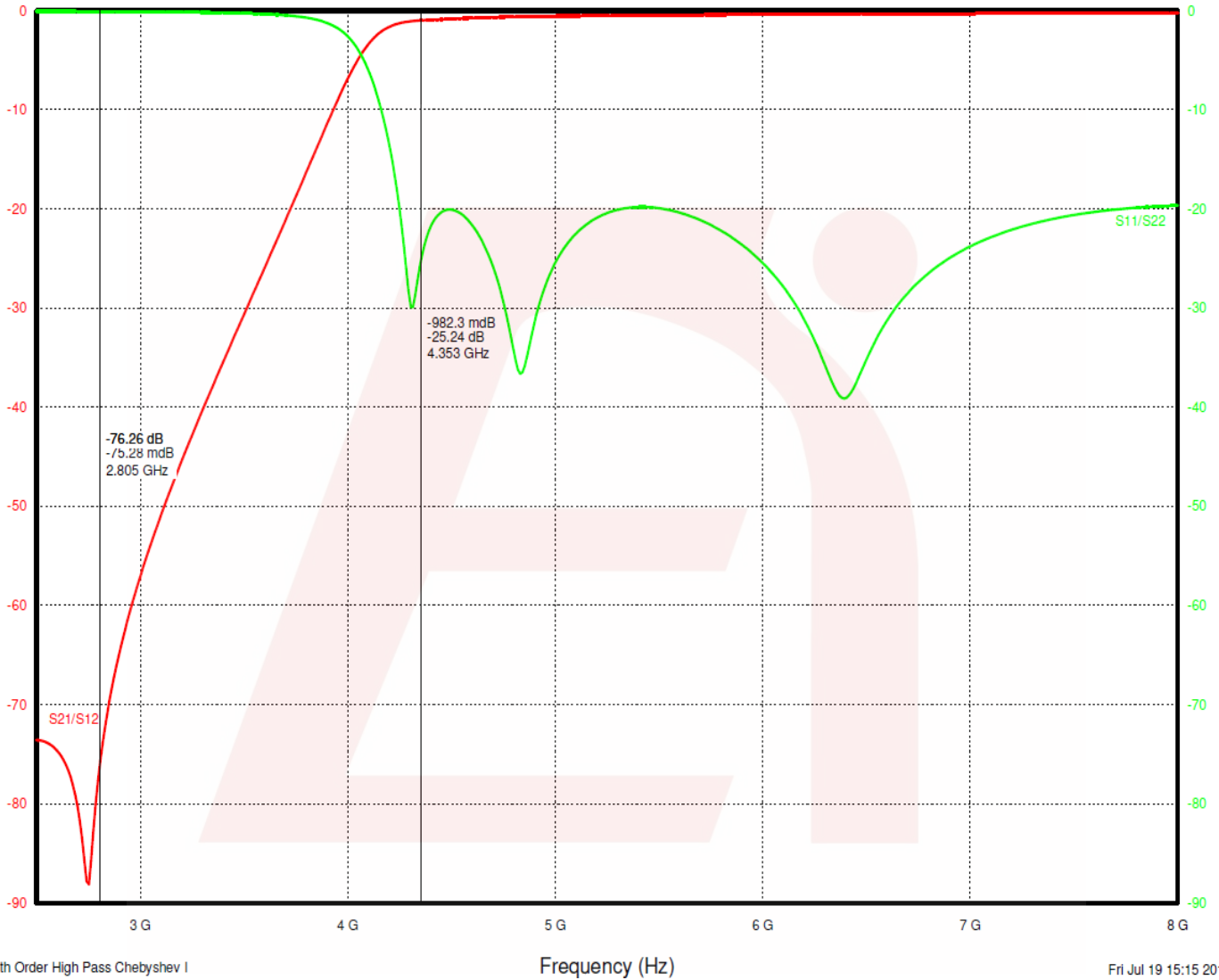
Tolerance:
 Angles:
 *Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.
 *When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

DS-H9919-E-07092024-Rev1



Simulation Plot:

Lumped Filter S Parameters



9th Order High Pass Chebyshev I

Frequency (Hz)

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Note: This is a simulation plot. Actual results may differ once the product is implemented.

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