



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2450 MHz Bandstop / Notch Filter

Part Number: AE2450NS2197



Electrical Specifications

Notch Center Frequency: 2450 MHz
Notch Bandwidth: 2400-2500 MHz
Rejection: ≥50 dB
Pass Band: 1000-2300 MHz and 2600-6000 MHz
Insertion Loss: ≤3.0 dB
Return Loss: ≥12 dB
Power Handling: 50 W
Impedance: 50 Ω

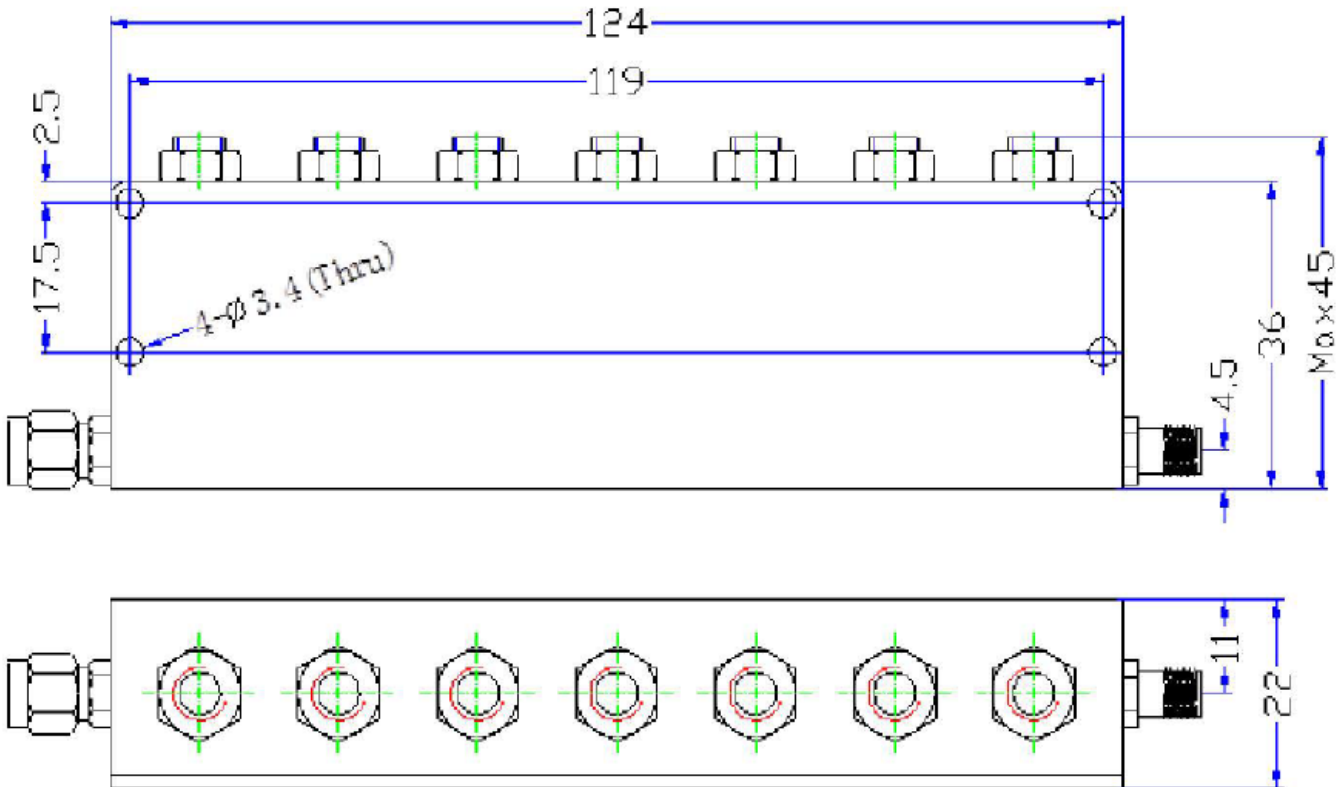
Mechanical

Connector Type: SMA (Male/Female)
Dimensions: 124.0 x 36.0 x 22.0 mm
 (Not including screws and connectors)

Environmental

Operating Temperature: -40 to +85° C
Storage Temperature: -50 to +95° C
Shock: 20 G. 11 ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.5mm]

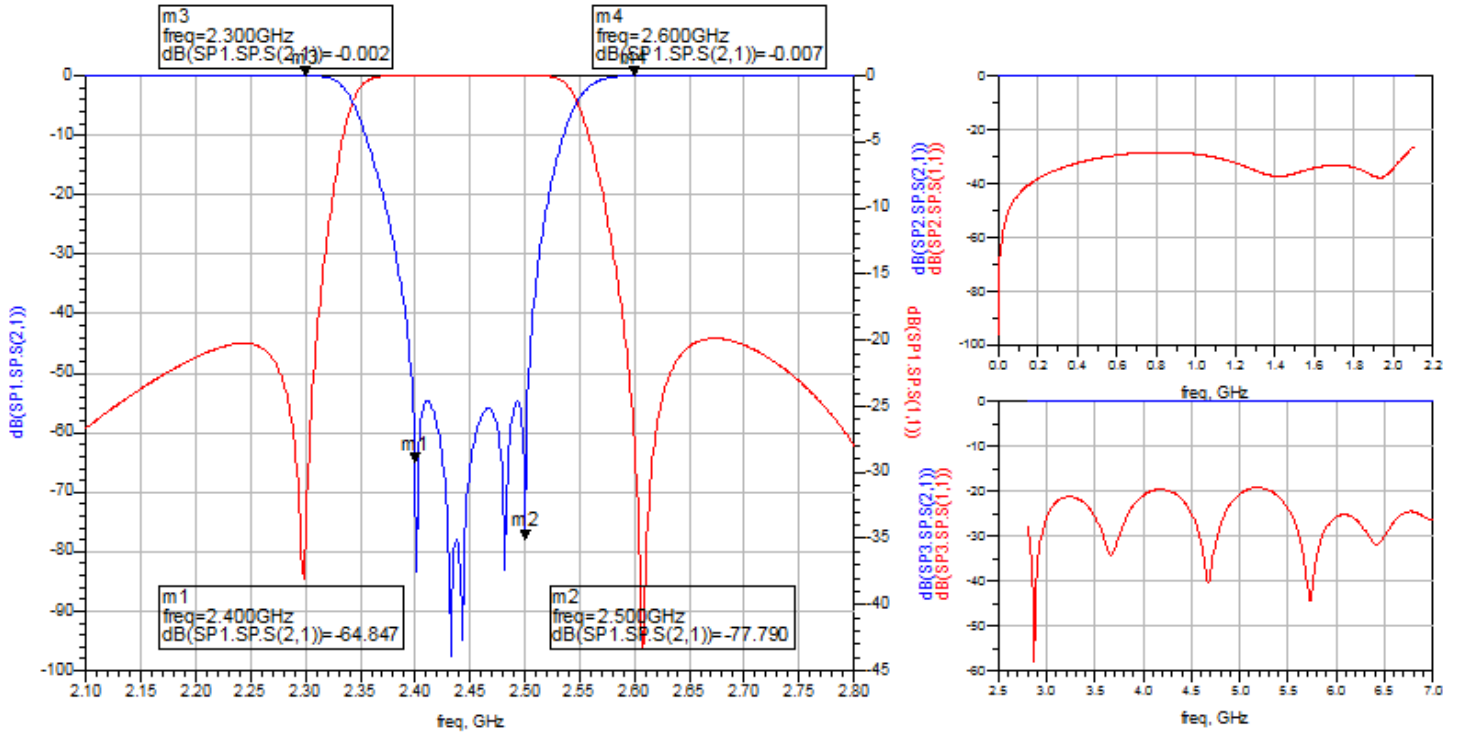
Angles: +/- 1 Deg.

*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.



Simulation Plot:



Note: This is a simulation Plot. Actual response plot might differ once product is manufactured.