



**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

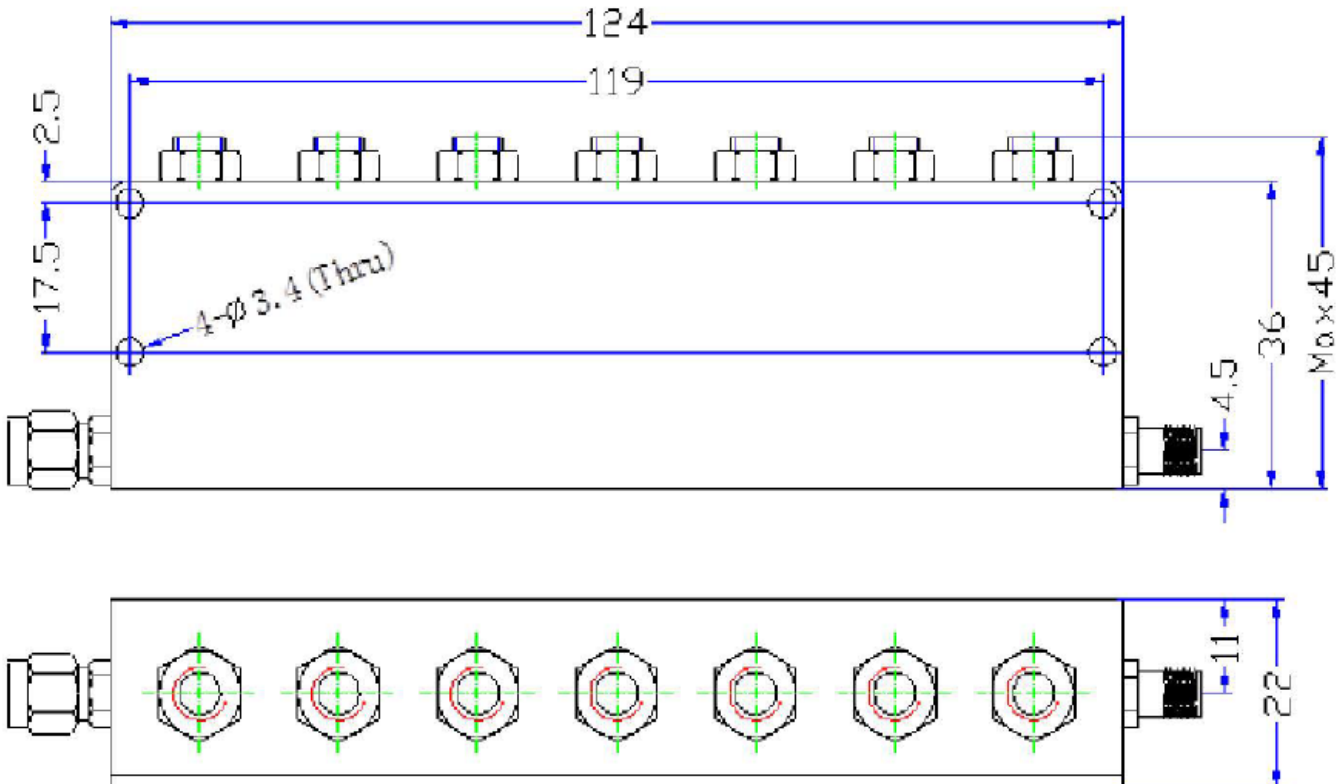
## Mechanical

**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]

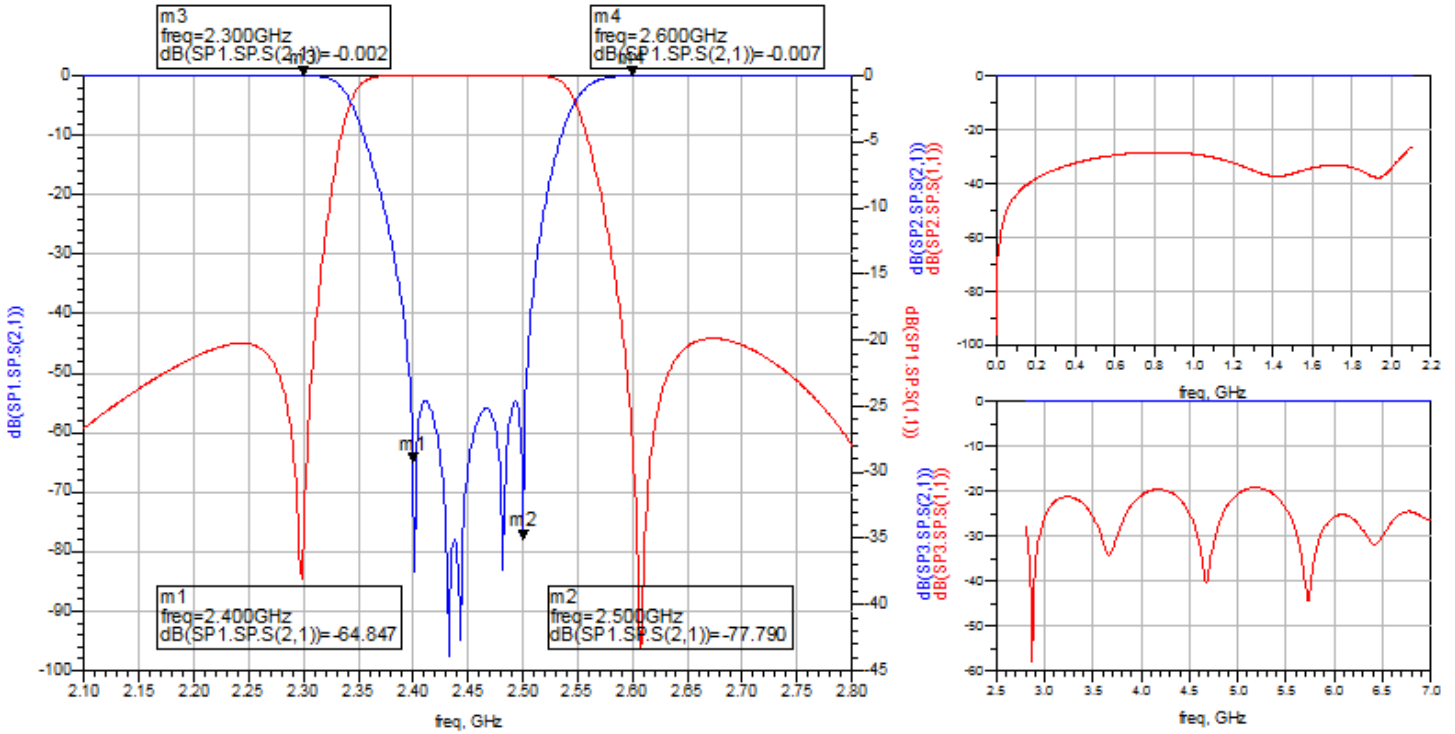
Angles: +/- 1 Deg.

\*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.