



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 890 MHz Bandstop / Notch Filter

**Part Number: AE890NS2195**



## Electrical Specifications

**Notch Center Frequency:** 890 MHz  
**Notch Bandwidth:** 860-920 MHz  
**Rejection:**  $\geq 50$  dB  
**Pass Band:** 80-800 MHz and 1000-2500 MHz  
**Insertion Loss:**  $\leq 3.0$  dB  
**Return Loss:**  $\geq 12$  dB  
**Impedance:** 50  $\Omega$

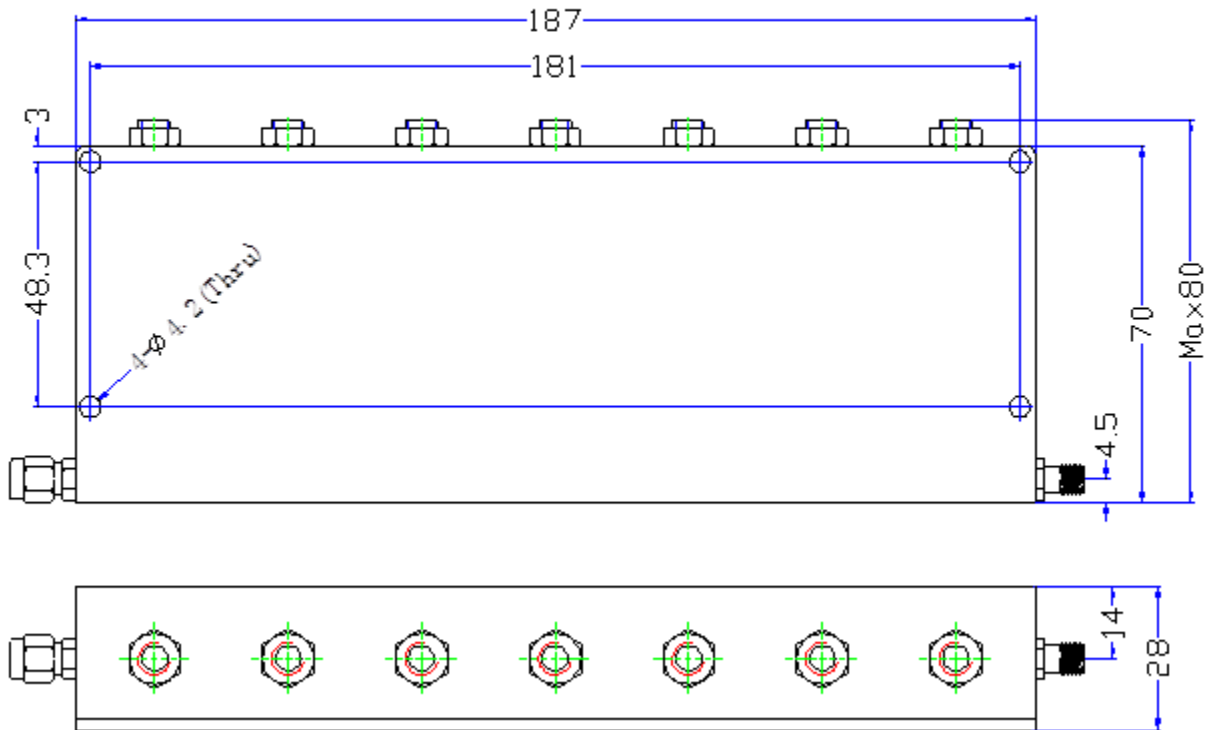
## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA (Male/Female)  
**Dimensions:** 187 x 70.0 x 28.0 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 [ +/- 0.3mm]

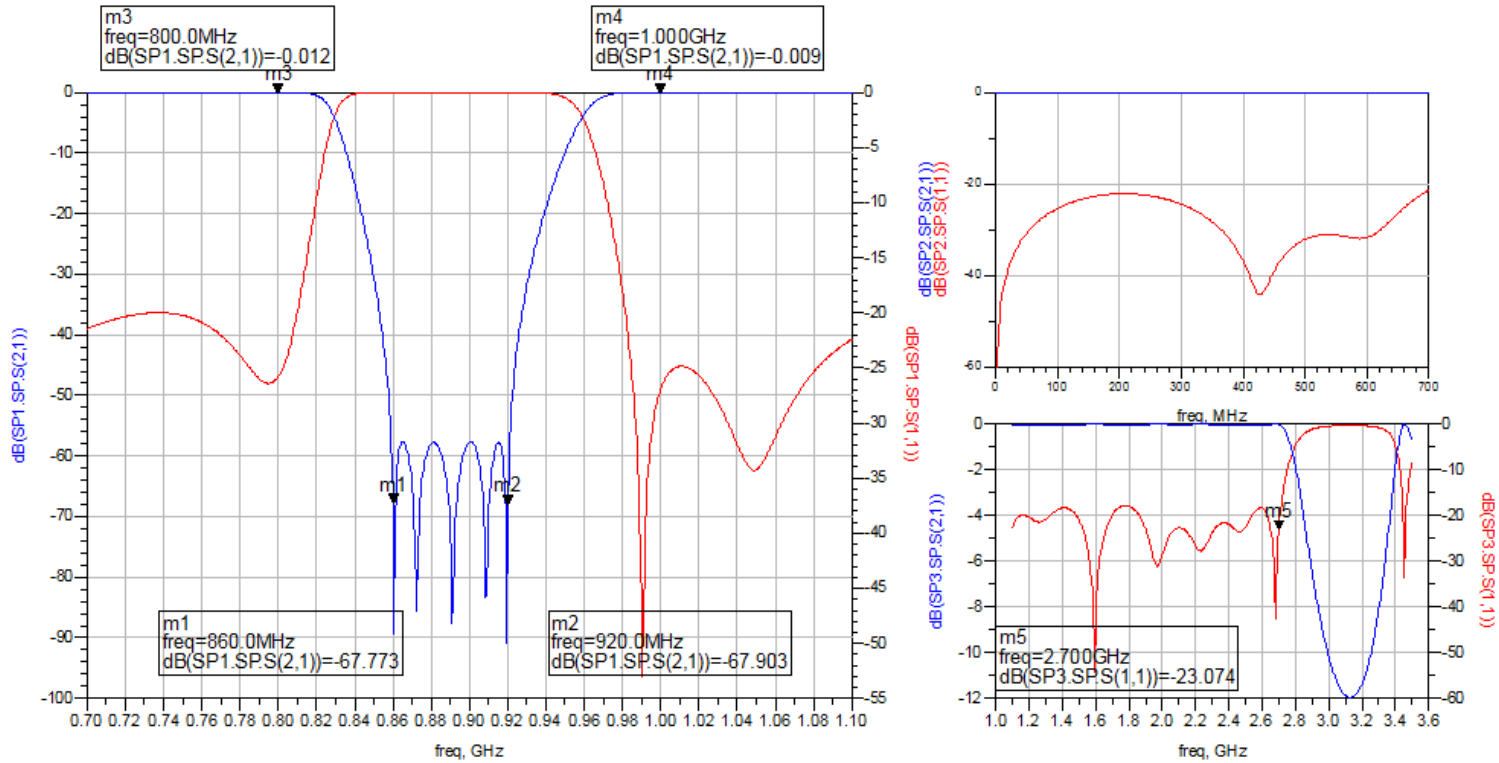
Angles: +/- 1 Deg.

\*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.