



Electrical Specifications

Center Frequency: 5095 MHz
Passband: 4990 – 5200 MHz
Insertion Loss: 0.8 dB Max.
Return Loss: 15 dB Min
Rejection: 70 dB Min @ 4590 MHz
Rejection: 70 dB Min @ 5810 MHz
Impedance: 50 Ohms In/Out
Power Handling: 30 W CW Max

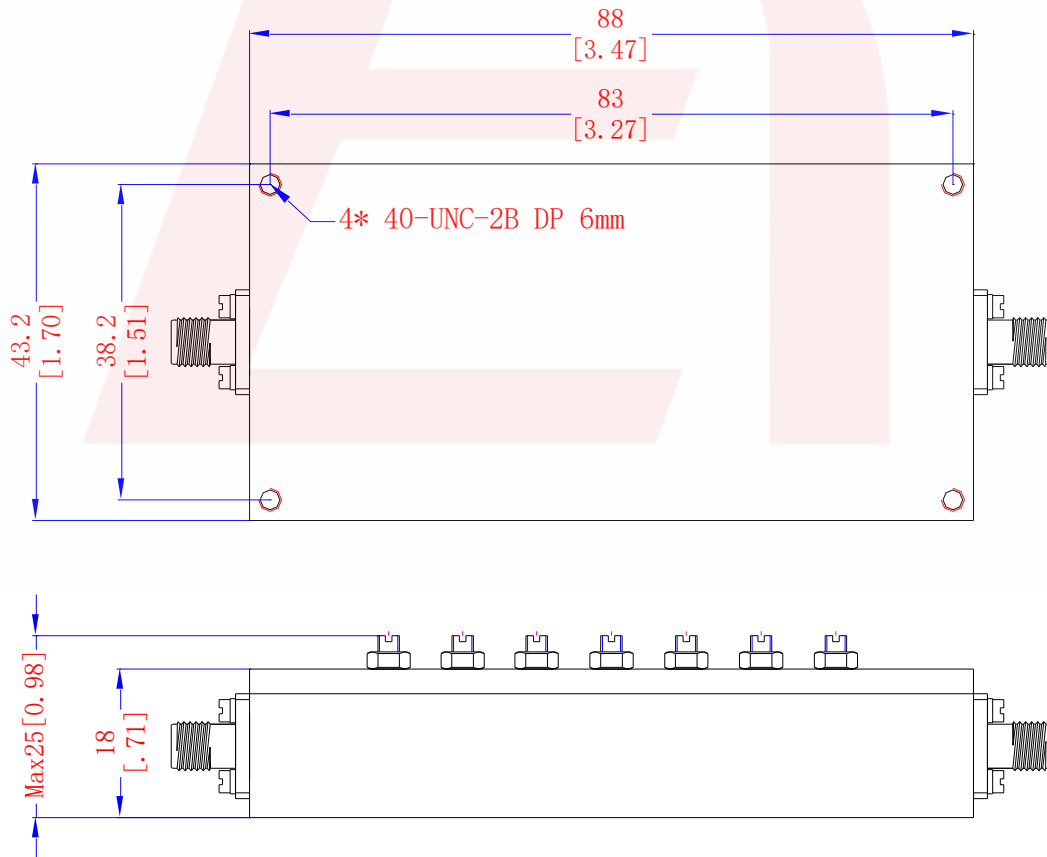
Mechanical

Connector Type: SMA Female
Dimensions: 3.47 x 1.70 x 0.98 in.
 88 x 43.2 x 25 mm

Environmental

Operating Temperature: -40°C to +70°C
Storage Temperature: -55°C to +85°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200Hz

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.

DS-B12036-09282023-Rev0



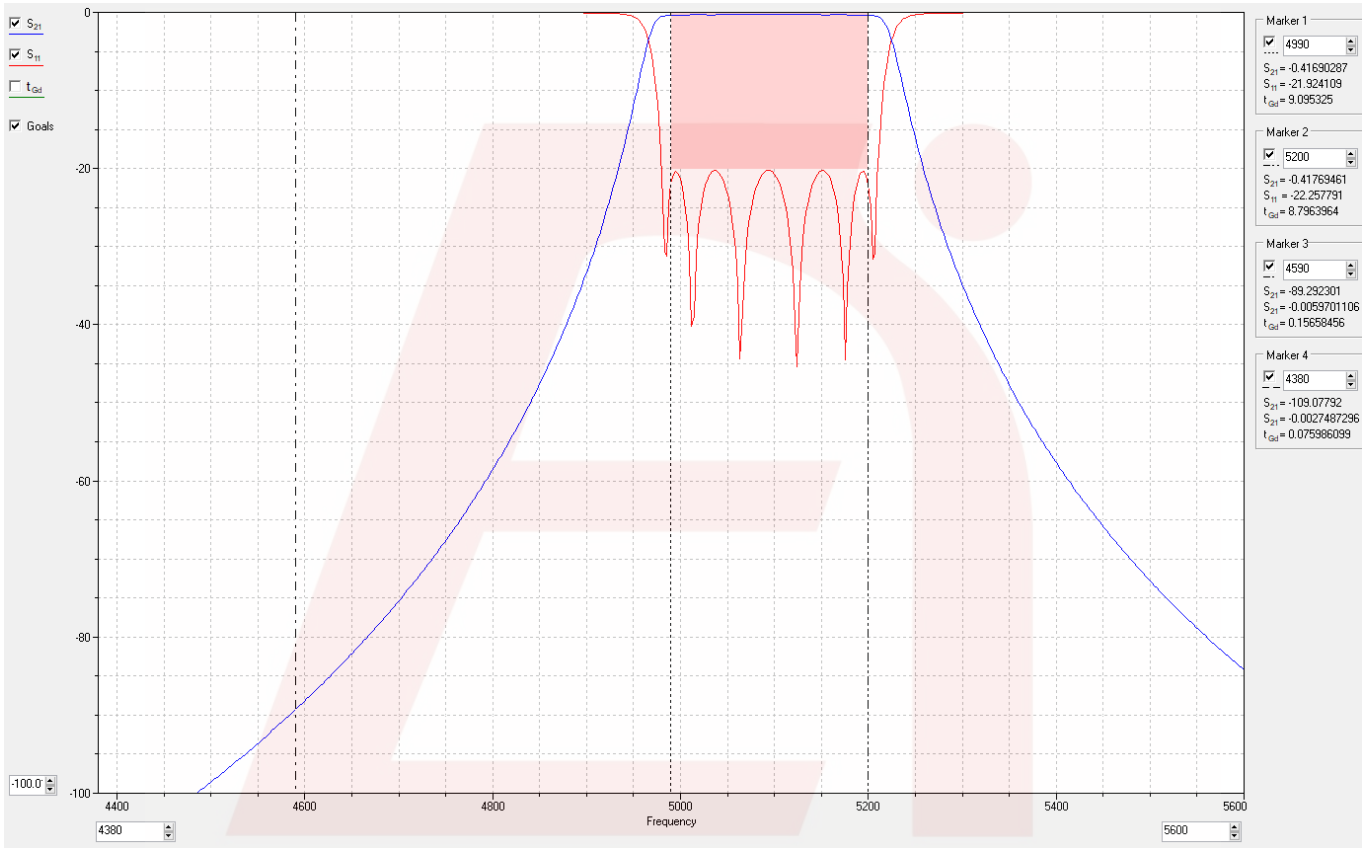
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5095 MHz Cavity Band Pass Filter

Part Number: AE5095B12036



Simulated Plot:



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

DS-B12036-09282023-Rev0