



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5495 MHz Cavity Band Pass Filter

Part Number: AE5495B12037



Electrical Specifications

Center Frequency: 5495 MHz
Passband: 5460 – 5530 MHz
Insertion Loss: 1.5 dB Max.
Return Loss: 15 dB Min
Rejection: 80 dB Min @ 5415 MHz
Rejection: 80 dB Min @ 5570 MHz
Impedance: 50 Ohms In/Out
Power Handling: 40 W CW Max

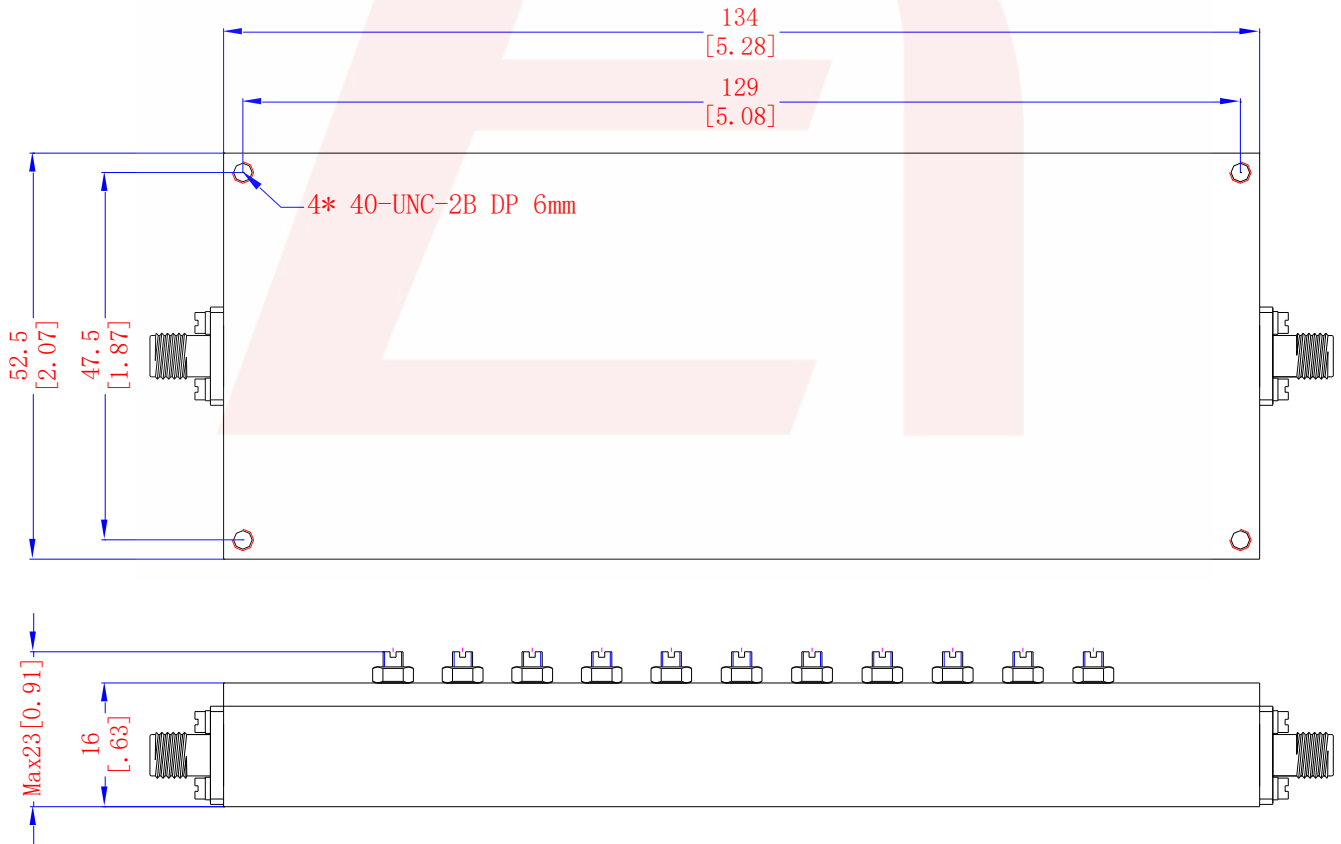
Mechanical

Connector Type: SMA Female
Dimensions: 5.28 x 2.07 x 0.91 in.
 134 x 52.5 x 23 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-B12037-09282023-Rev0

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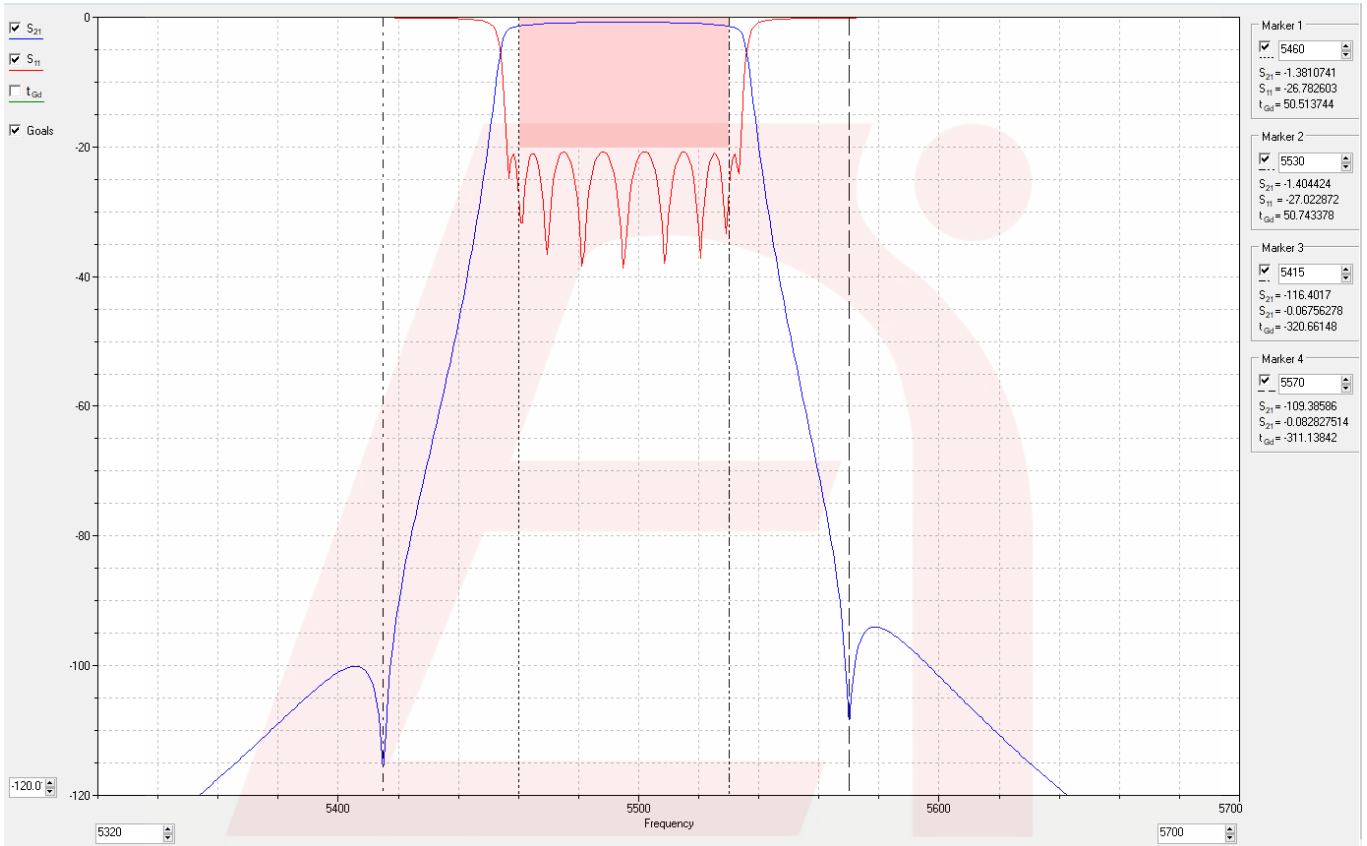
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Simulated Plot:



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

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