



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

6600 MHz Cavity Band Pass Filter

Part Number: AE6600B12039



Electrical Specifications

Center Frequency: 6600 MHz
Passband: 6525 – 6675 MHz
Insertion Loss: 1.0 dB Max.
Return Loss: 15 dB Min
Rejection: 60 dB Min @ 6420 MHz
Rejection: 60 dB Min @ 6725 MHz
Impedance: 50 Ohms In/Out
Power Handling: 30 W CW Max

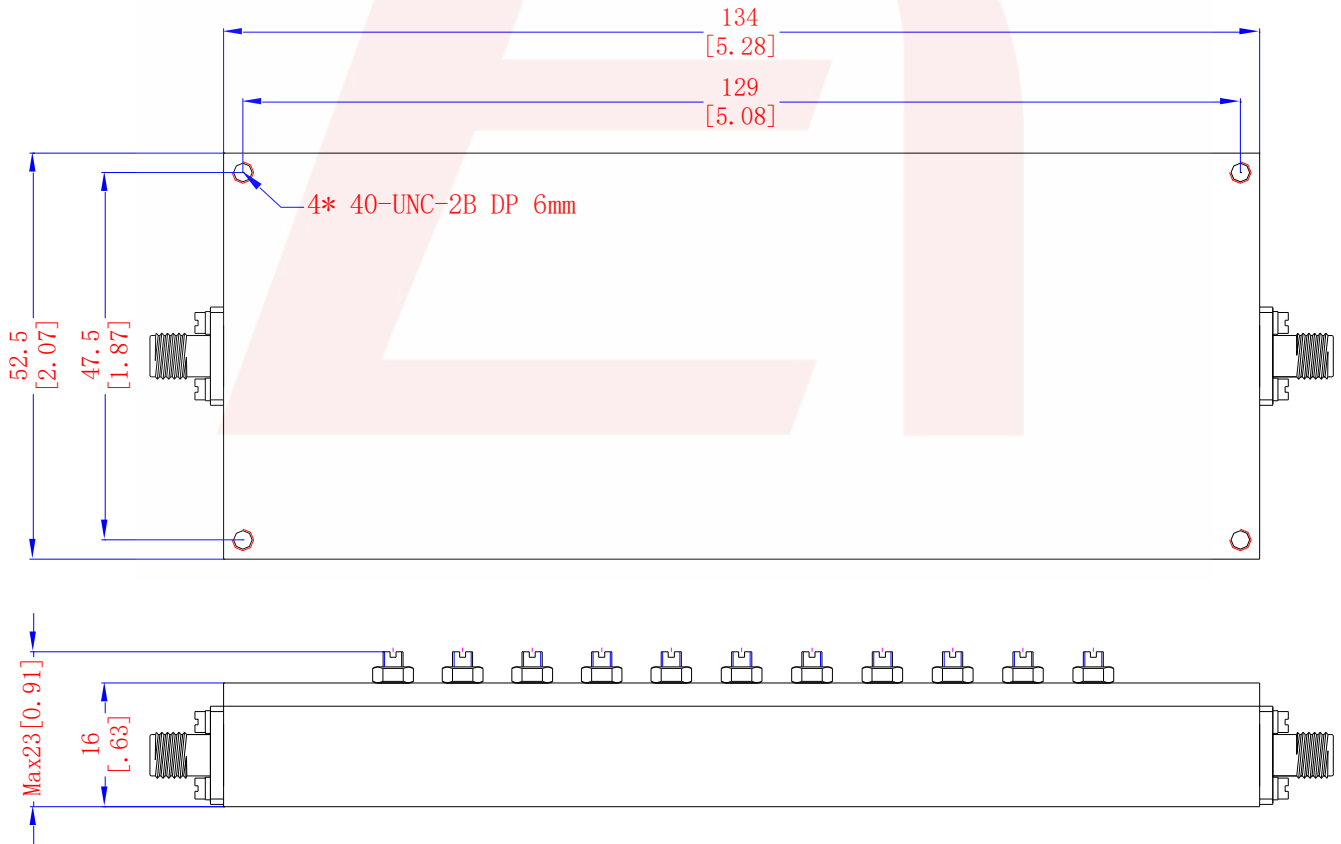
Mechanical

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.

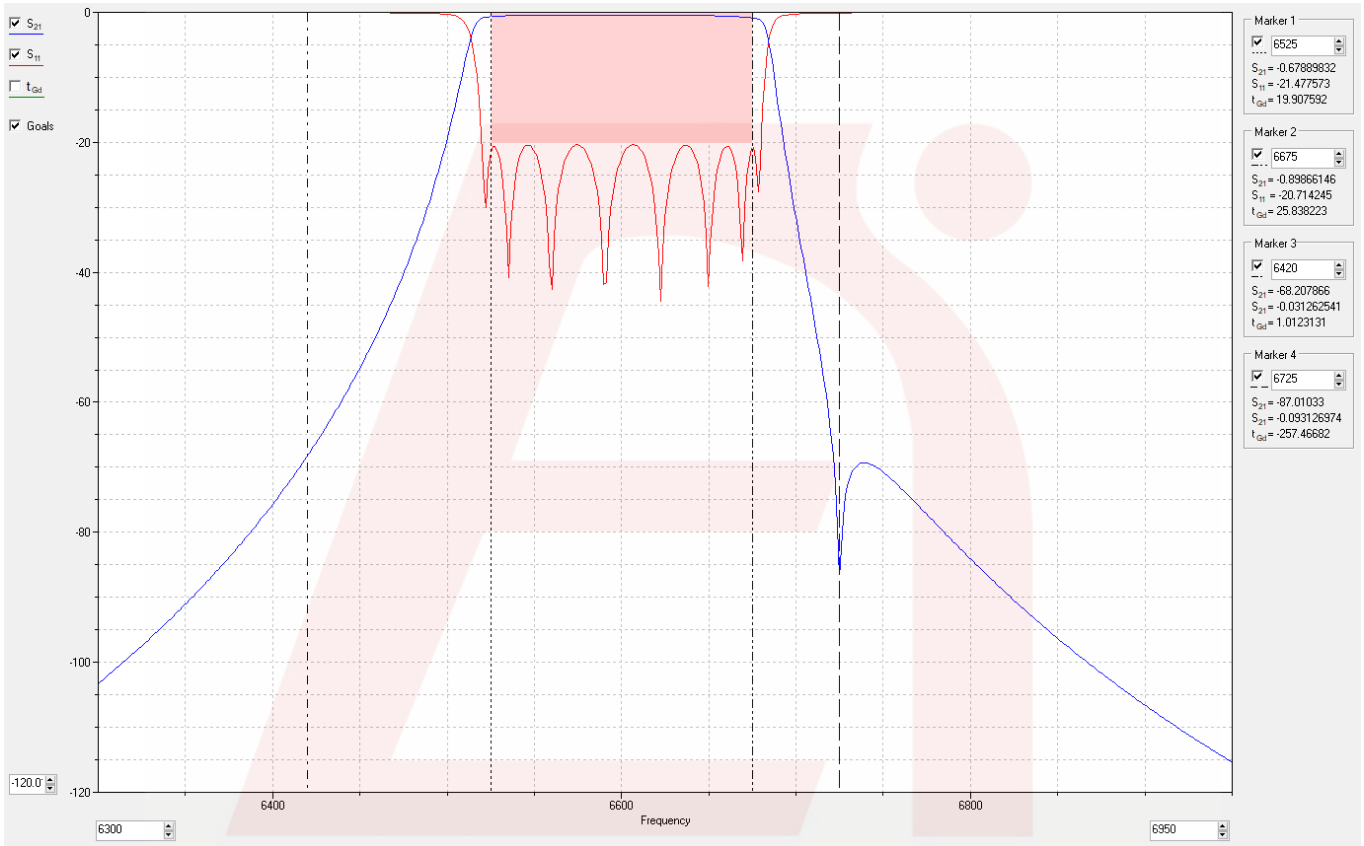
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Simulated Plot:



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