



Electrical Specifications

Center Frequency: 3450 MHz
Passband: 3350 – 3550 MHz
Insertion Loss: 0.7 dB Max.
Return Loss: 15 dB Min
Rejection: 20 dB Min @ 3130 MHz
Rejection: 20 dB Min @ 3770 MHz
Impedance: 50 Ohms In/Out
Power Handling: 20 W CW Max

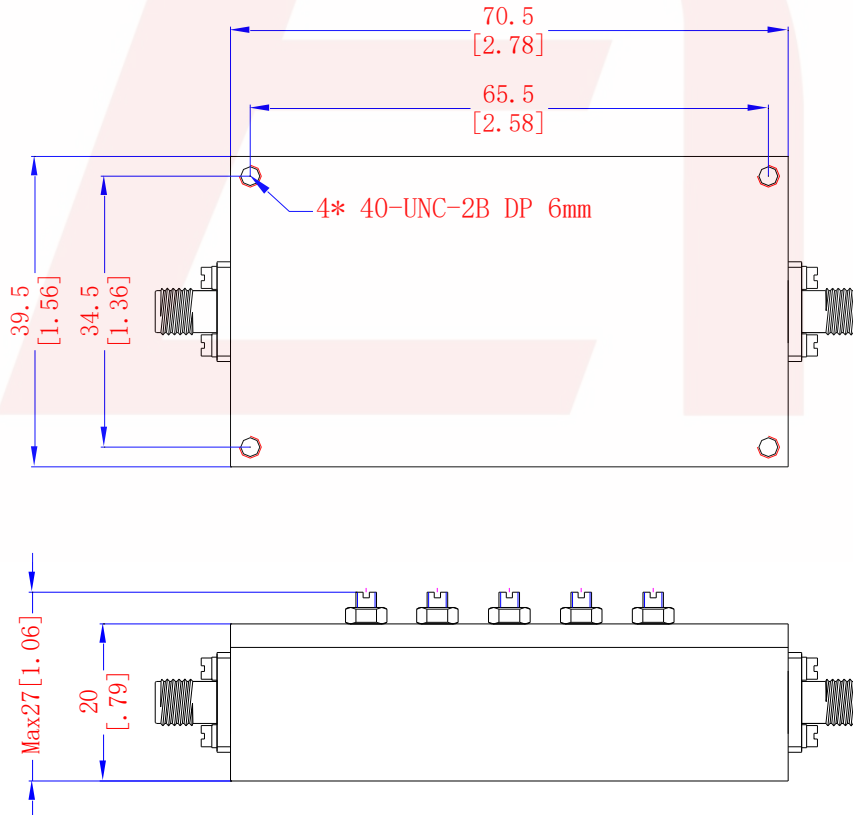
Mechanical

Connector Type: SMA Female
Dimensions: 2.78 x 1.56 x 1.06 in.
 70.5 x 39.5 x 27 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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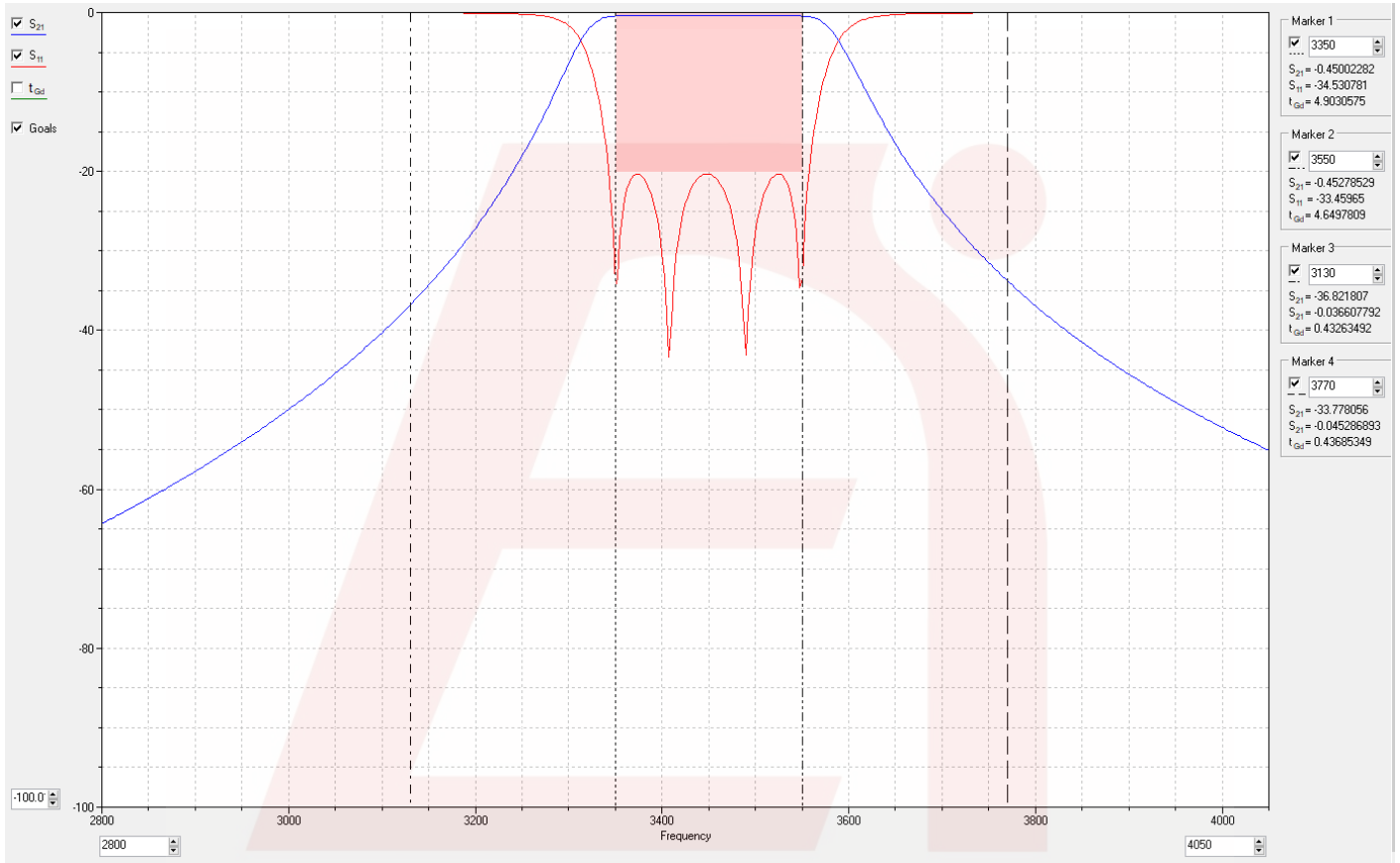
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3450 MHz Cavity Band Pass Filter

Part Number: AE3450B12045



Simulated Plot:



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

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