



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1600 MHz Cavity Band Notch Filter

Part Number: AE1600N2231



Electrical Specifications

Notch Center Frequency: 1600 MHz
Passband: DC-1590MHz & 1610-2200 MHz
Insertion Loss: 1.2 dB Max.
Return Loss: 11 dB Min.
Rejection: ≥ 40 dB @ 1597.5-1602.5 MHz
Impedance: 50 Ohms
Power Handling: 1 W

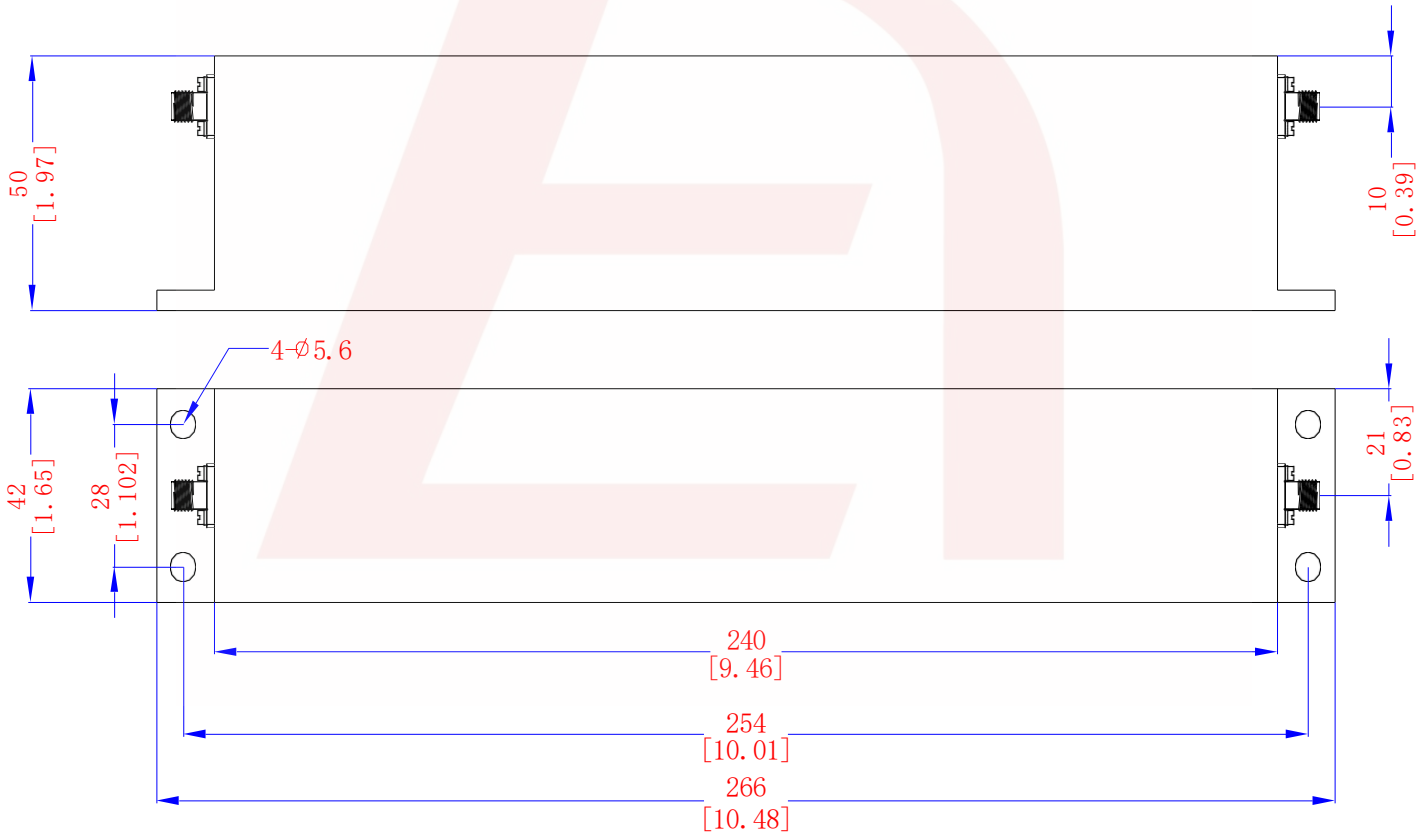
Mechanical

Mounting Method: 5.6mm Through Holes
Connector Type: SMA(F)
Dimensions: 10.48 X 1.65 X 1.97 In.

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-N2231-09102019-Rev0

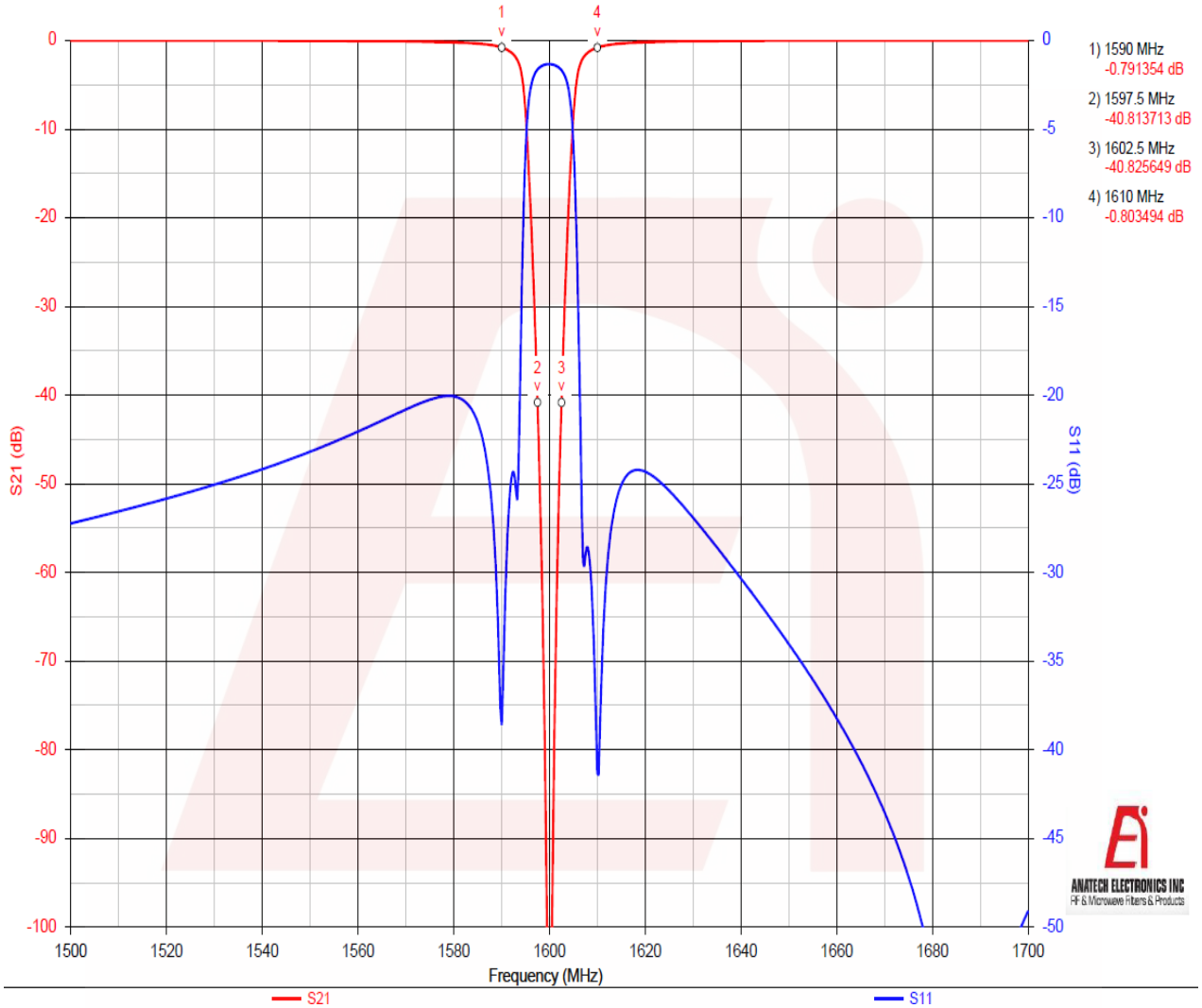
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Simulation Plot

RFQ-20190208-BRF-1600 MHz-5 MHz



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