



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Preliminary Datasheet

3350 MHz Cavity Bandpass Filter

Part Number: AE3350B12198



Electrical specifications

Center Frequency: 3350 MHz
Passband: 2700 - 4000 MHz
Insertion Loss in Passband: 1.5 dB Nom
Return Loss in Passband: 15 dB Nom
Rejection: 60 dB Nom @ DC - 1350 MHz
Rejection: 60 dB Nom @ 5350 - 8000 MHz
Impedance: 50 Ohms In/Out
Power Handling: 45 W CW

Mechanical

Mounting: TBD
Connector Type: SMA (F)
Dimensions: Approx. 1.5 x 0.75 x 0.5 in

Environmental

Operating Temperature: -45°C to +85°C
Storage Temperature: -55°C to +95°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 2000 Hz

Outline Drawing:

Approximate Size: 1.5 x 0.75 x 0.5 in

DS-B12198-10182024-Rev0



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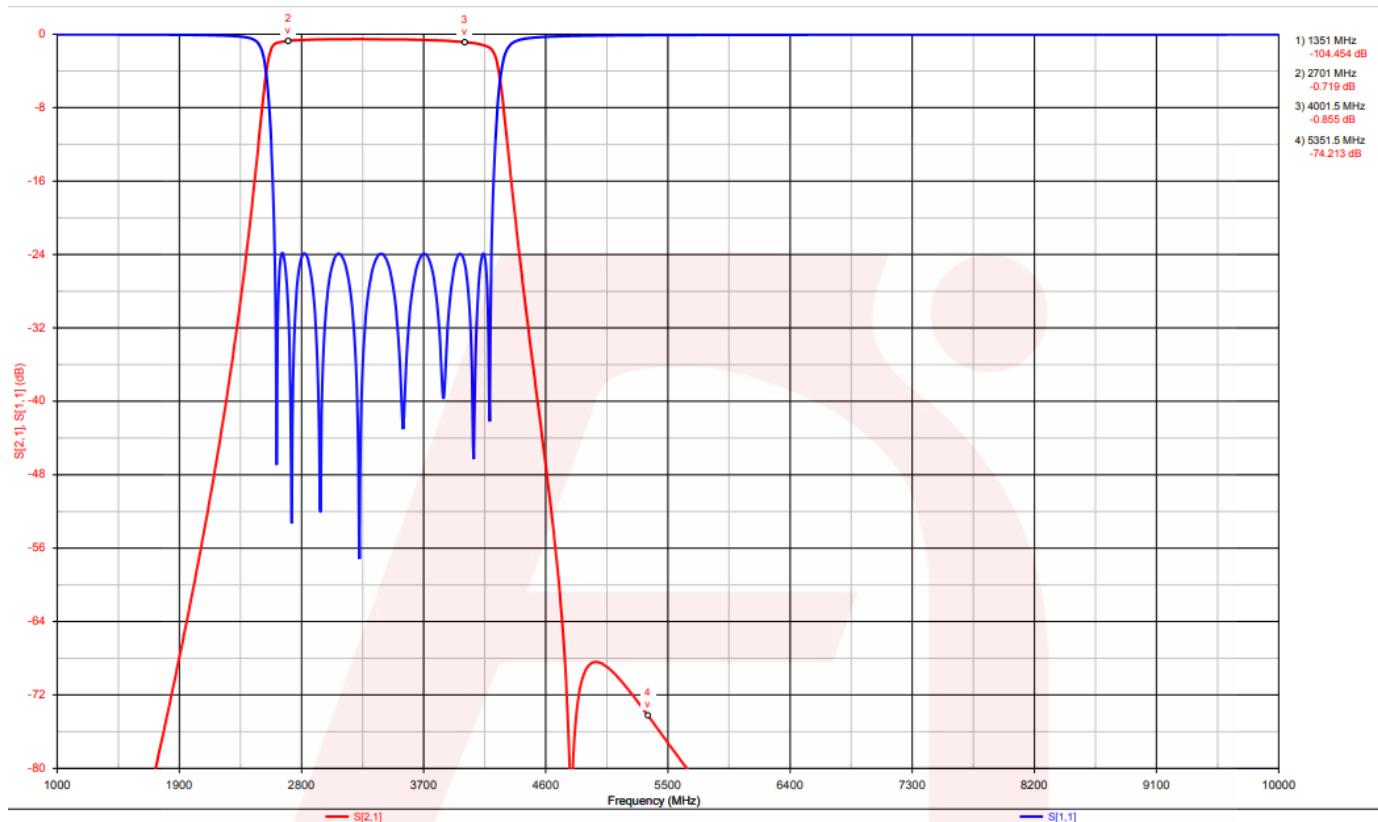
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Simulation Plot:



Note: This is a simulation plot. Actual results may differ once the product is implemented.

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