



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

8430 MHz Suspended Stripline Low Pass Filter

Part Number: AE8430SSL1070



Electrical Specifications

Passband: 7445 - 8430 MHz
Insertion Loss: 3.0 dB Max
Return Loss: 12 dB Min
Rejection: 20 dB Min @ 14890 - 27110 MHz
Rejection: 60 dB Min @ 33570 - 34555 MHz
Rejection: 80 dB Min @ 42000 MHz
Impedance: 50 Ohms
Power Handling: 1 W CW

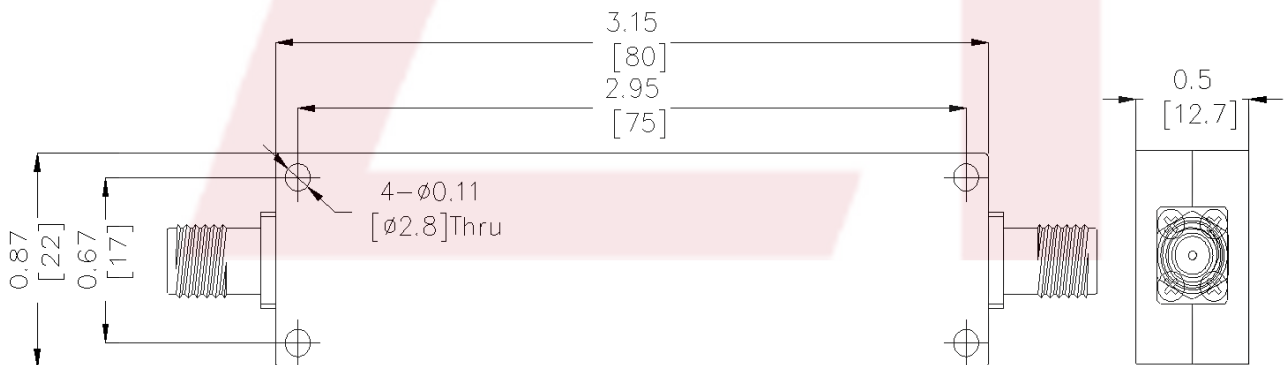
Mechanical

Mounting Method: Through Holes
Connector Type: SMA (F)
Dimensions: 3.15 x 0.87 x 0.50 in
80 x 22 x 12.7 mm

Environmental

Operating Temperature: 25°C to +70°C
Storage Temperature: -45°C to +85°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 2000 Hz

Outline Drawing:



DS-SSL1070-11182025-Rev3



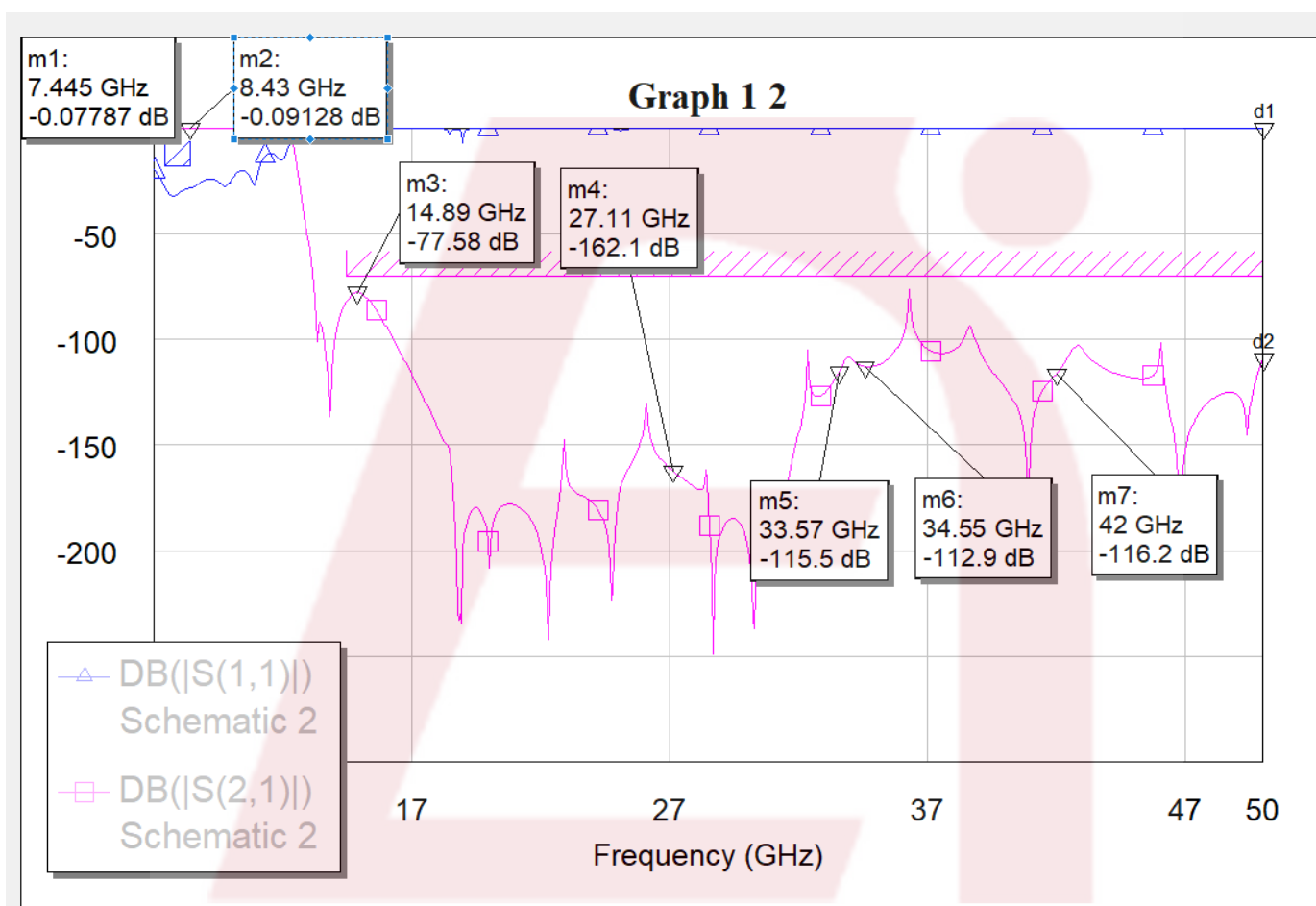
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Simulation Plot:



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

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