



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

8425 MHz Cavity Notch/Band Stop Filter

Part Number: AE8425N2340



Electrical Specifications

Notch Center Frequency 8425 MHz

Notch Passband: 8400 - 8450 MHz

Low Side Passband: 8300 - 8375 MHz

High Side Passband: 8475 - 8500 MHz

Insertion Loss: 1.2 dB Max

Return Loss: 8 dB Min

Rejection: 25 dB Min

Impedance: 50 Ohms

Power Handling: 20 W CW

Mechanical

Mounting Method: Threaded Holes

Connector Type: SMA (F)

Dimensions: 2.56 x 1.25 x 0.75 in

Environmental

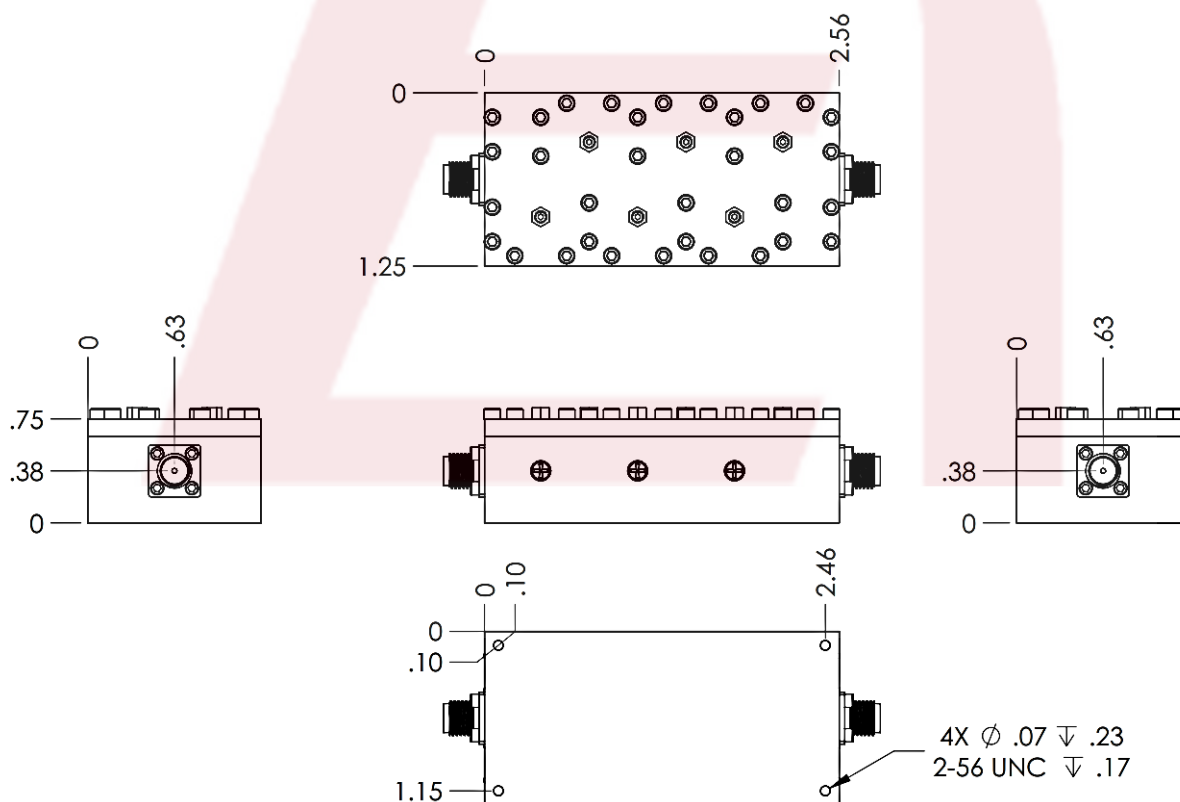
Operating Temperature: -40°C to +85°C

Storage Temperature: -55°C to +95°C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 2000 Hz

Outline Drawing:



DS-N2340-12242025-Rev2



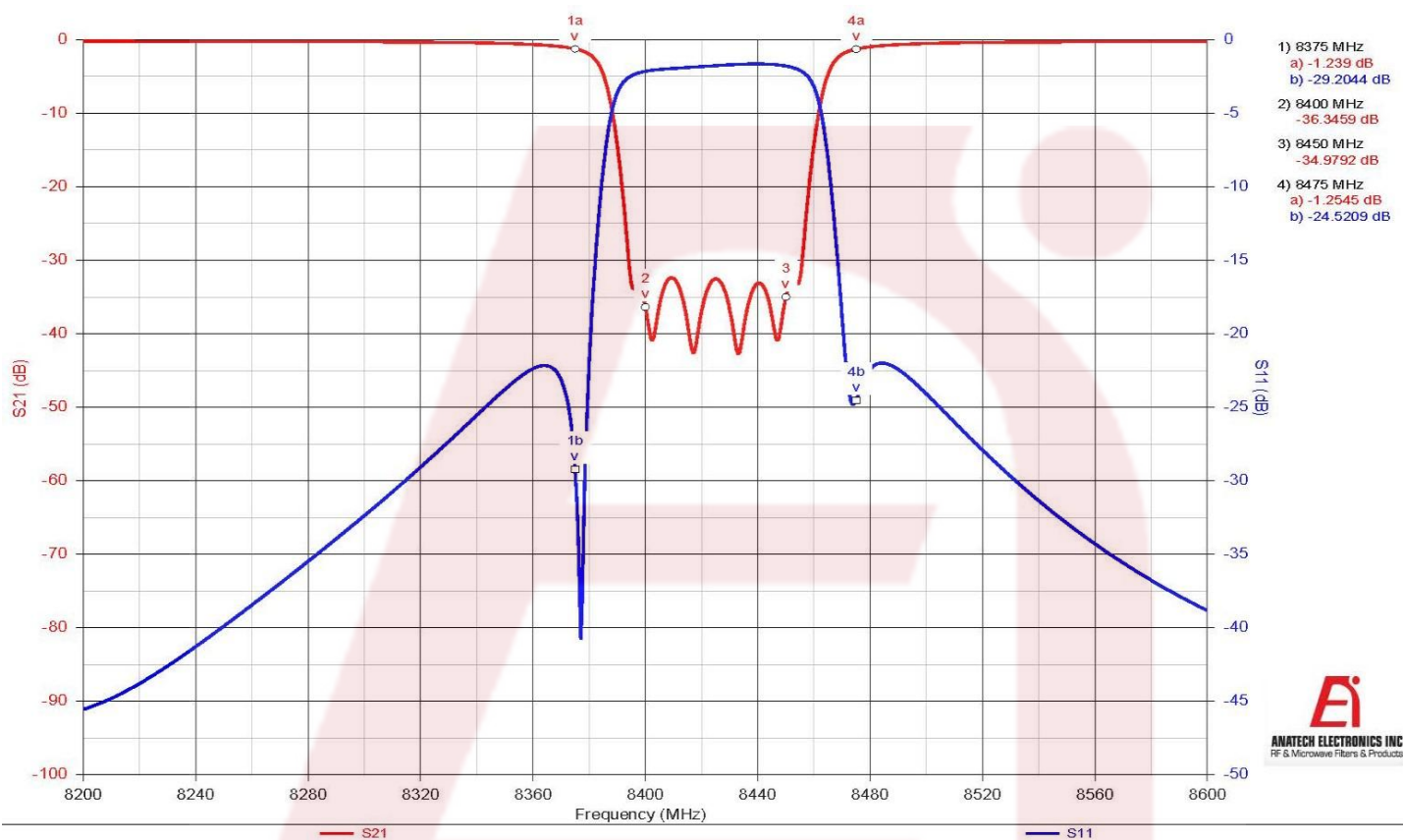
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Simulation Plot:



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

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