



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

4200 MHz Cavity Bandpass Filter

Part Number: AE4200B12359



Electrical Specifications

Center Frequency: 4200 MHz

Passband: 4100 - 4300 dB Max

Passband Insertion Loss: 1 dB Max

Passband Return Loss: 12 dB Min

Rejection: 40 dB Min @ 3900 MHz

Rejection: 40 dB Min @ 4500 MHz

Rejection: 60 dB Min @ 10000 MHz

Impedance: 50 Ohms

Power Handling: 2 W CW

Mechanical

Connector Type: SMA (F)

Dimensions: 2.92 x 2.01 x 0.99 in

Environmental

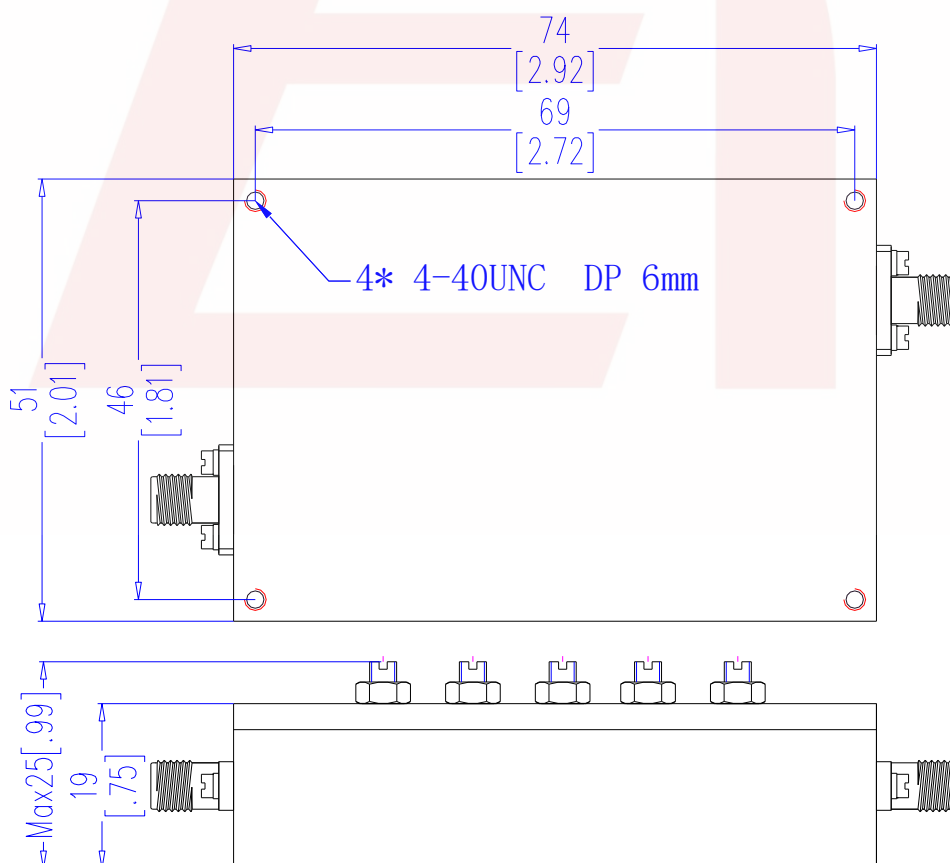
Operating Temperature: -30°C to +80°C

Storage Temperature: -40°C to +85°C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 2000 Hz

Outline Drawing:



DS-B12359-10212025-Rev1



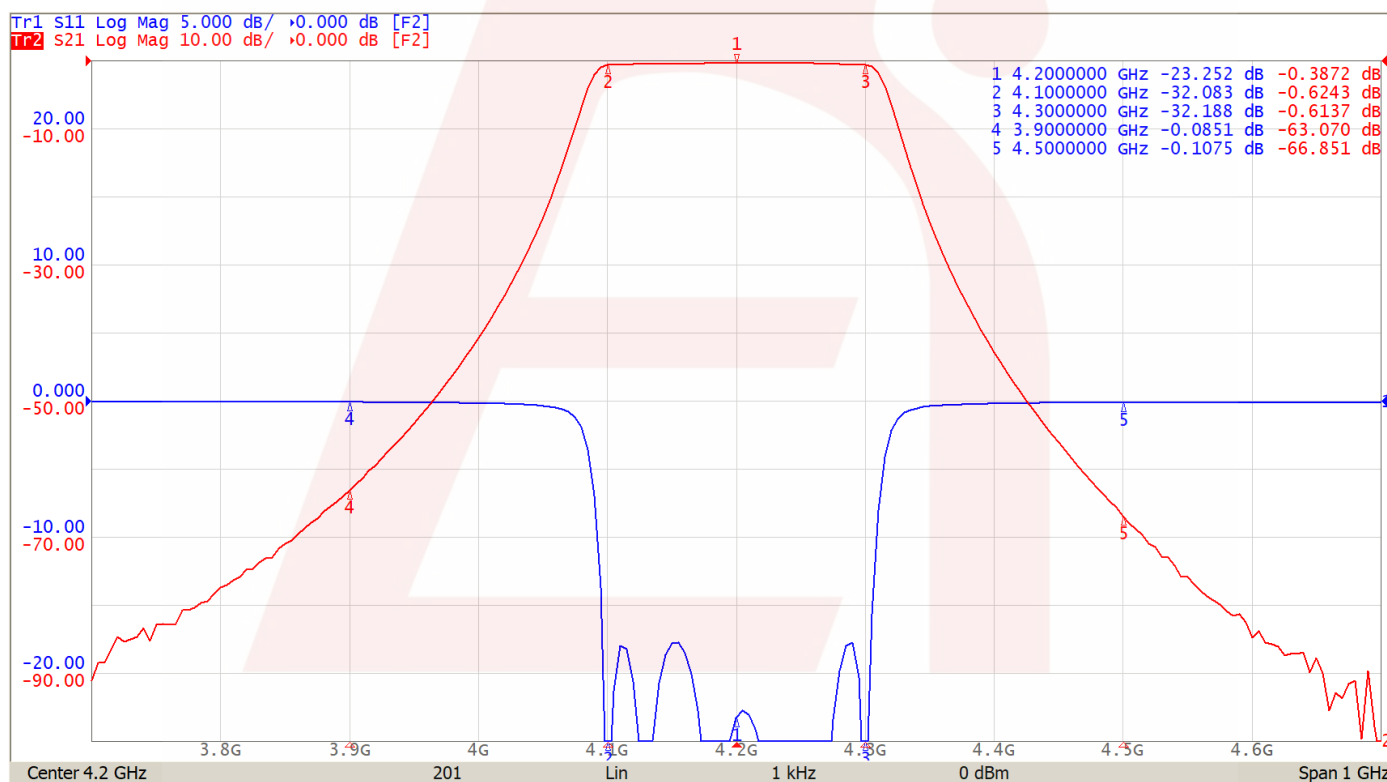
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Response Plot



DS-B12359-10212025-Rev1



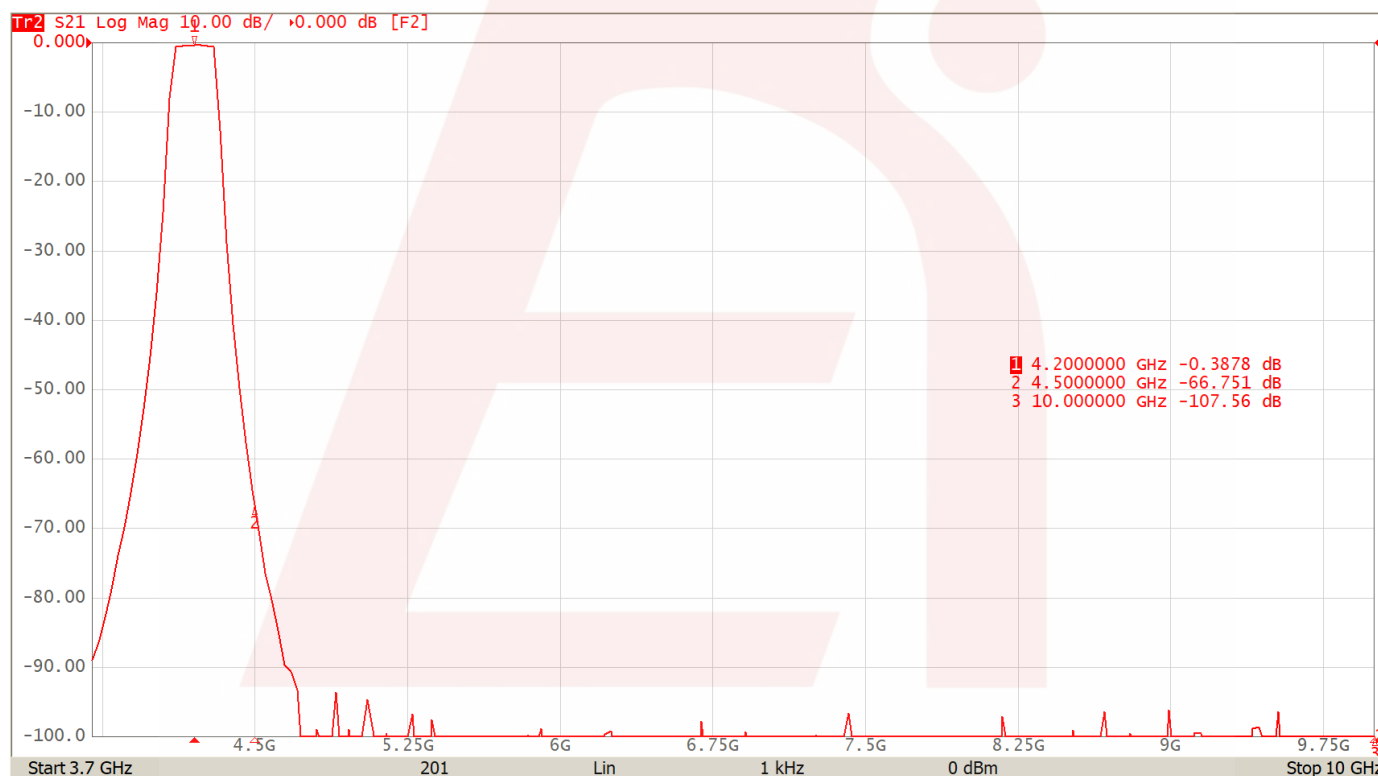
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