



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1-175 MHz Lowpass Filter

Part Number: AE175L9069-NF



Electrical specifications

Passband: 1 - 175MHz

Passband Insertion Loss: 0.5 dB Max

Rejection: 60 dB Min @ 290 - 2000MHz

Passband Return Loss: 15 dB Min

Power Handling: 75 W Min

Mechanical

Mounting Method: Threaded Holes

Connector Type: N-Type (F)

Dimensions: 6.0 x 1.0 x 1.0 in

Environmental

Operating Temperature: -45°C to +85°C

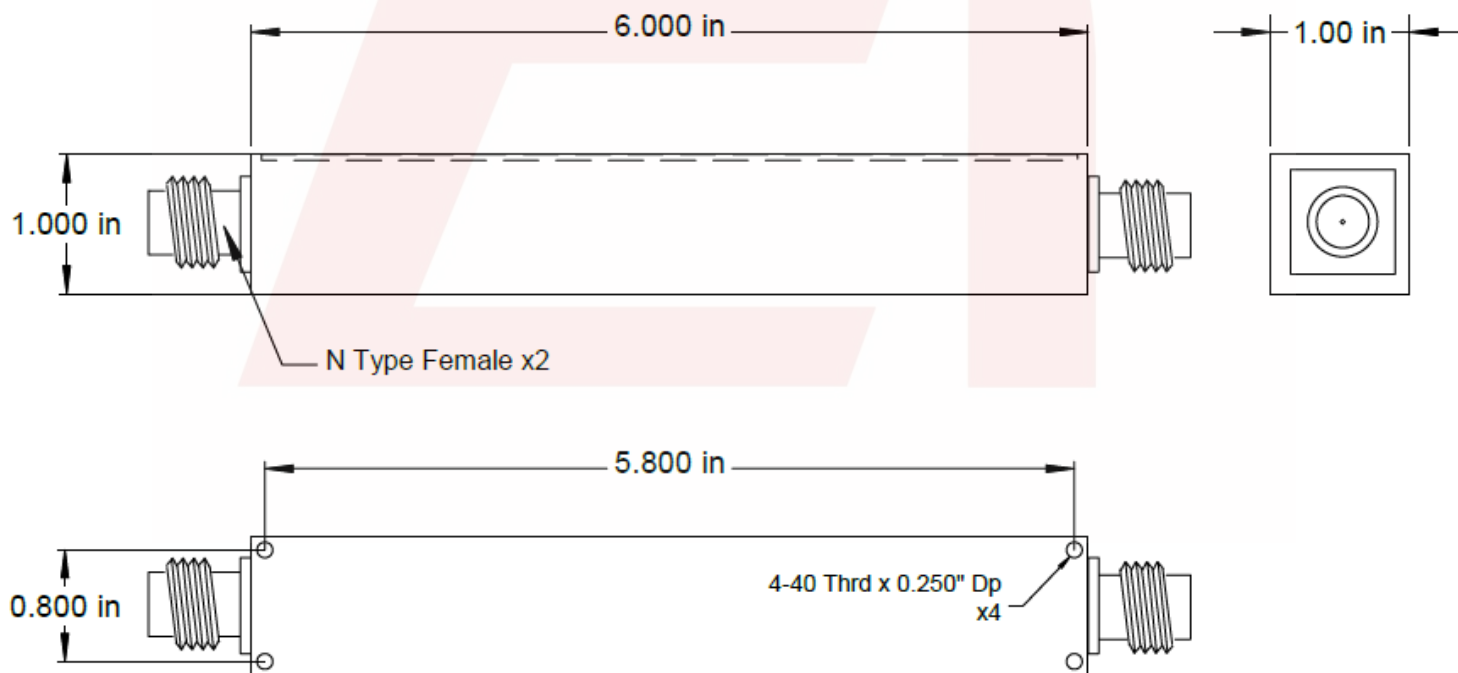
Storage temperature: -65°C to +95°C

Shock: 20 G's, ½ sine, 11ms

Vibration: 10 G's, 10-2000 Hz

Relative Humidity: 0-95%

Outline Drawing:



DS-L9069-NF-04172025-Rev2



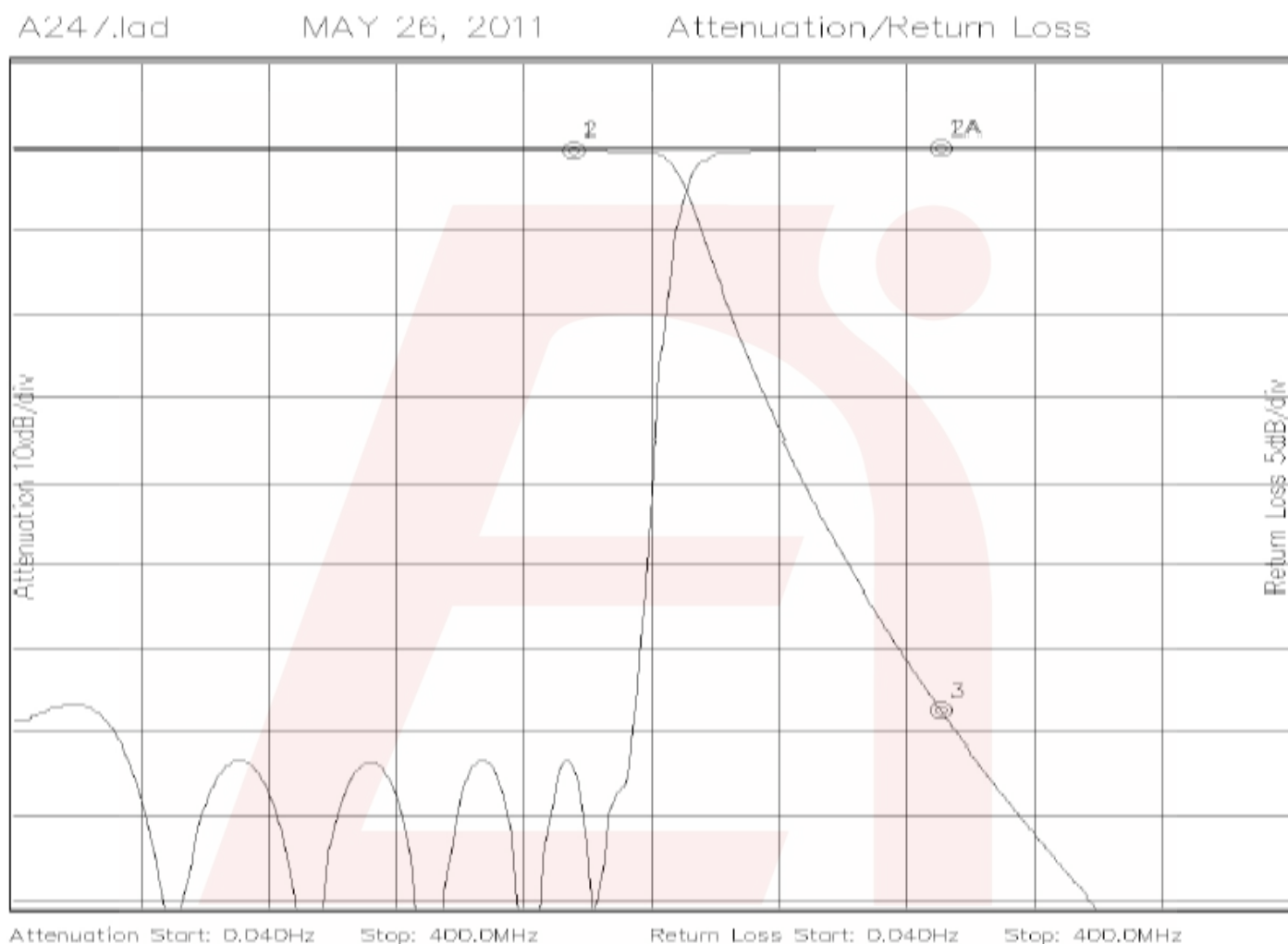
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Response Plot:



Marker 1 Freq 175.12MHz Atten -0.284dB
Marker 2 Freq 175.12MHz Atten -0.284dB
Marker 3 Freq 290.14MHz Atten -67.156dB

Marker 1A Freq 290.14MHz Ret Loss 0.000dB
Marker 2A Freq 290.14MHz Ret Loss 0.000dB

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