



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

100 MHz Low Pass Filter

Part Number: AE100L9174



Electrical Specifications

Cutoff Frequency: 100 MHz

Pass Band: 0-100 MHz

Pass Band Insertion Loss: 0.6 dB Max

Return Loss: 15 dB Min

Rejection: >40 dB @ 125-500MHz Min

Impedance: 50 Ohms In/Out

Power Handling: 100 W CW

Mechanical

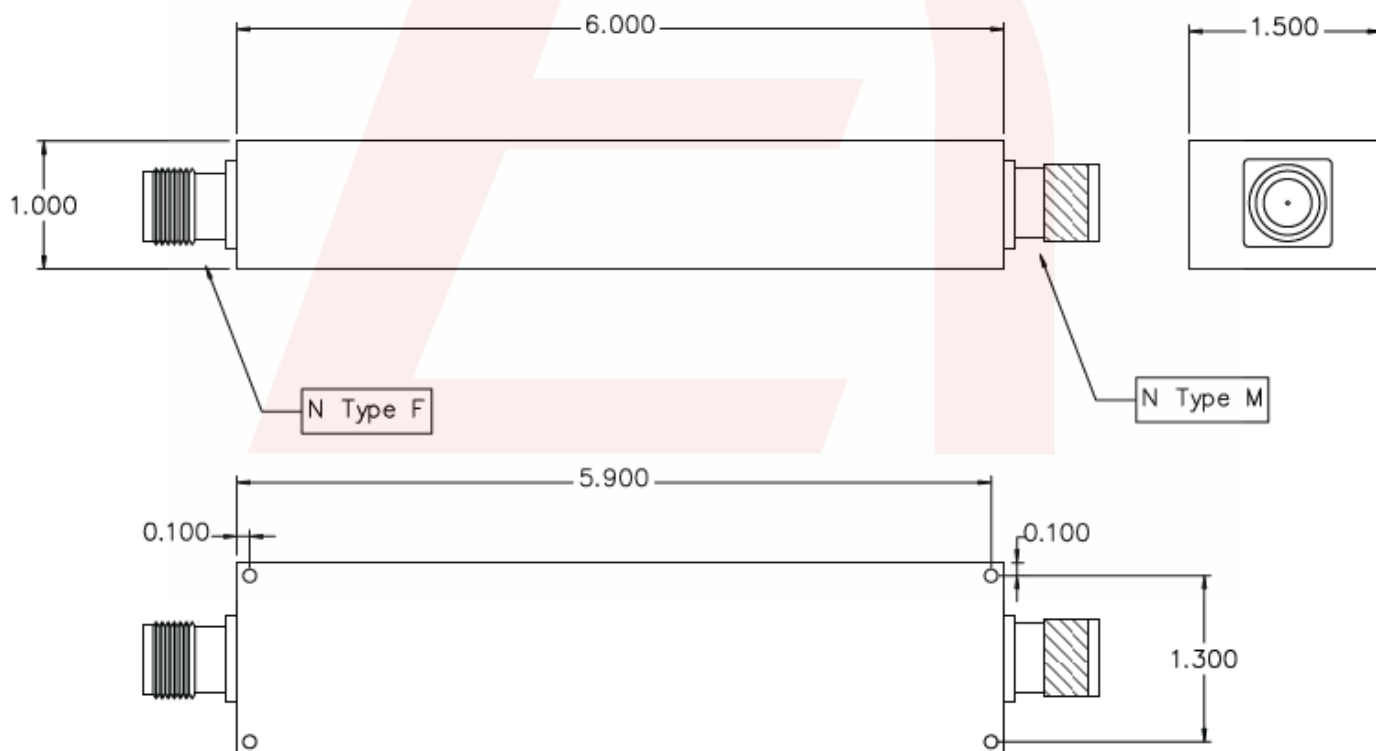
Connector Type: N-Type (M/F)

Dimensions: 6.0 x 1.5 x 1.0 Inches

Environmental

Operating Temperature: -30°C to +70°C

Outline Drawing:



DS-L9174- 04242015-Rev1



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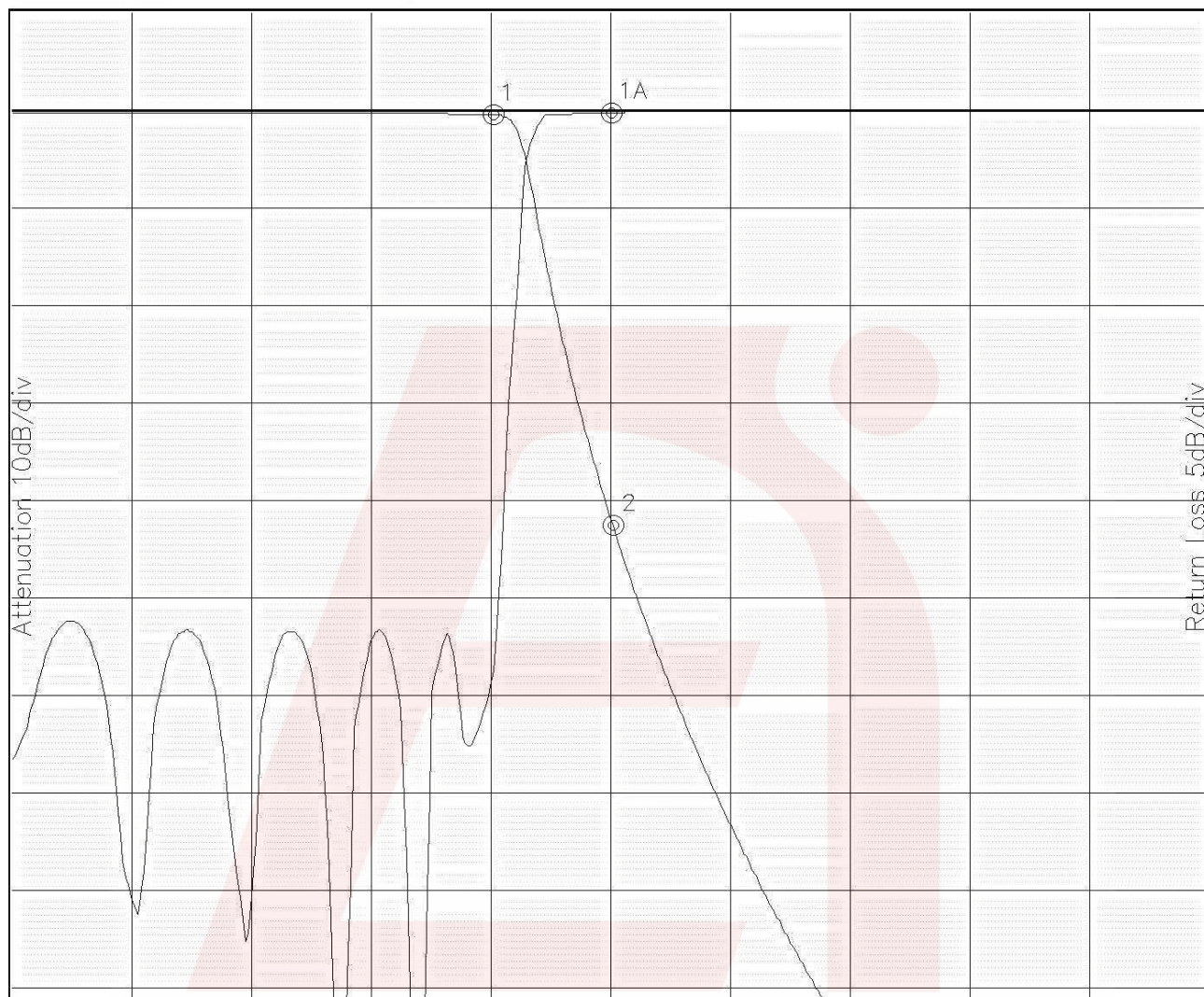


Response Plot:

A488.lad

MAR 24, 2015

Attenuation/Return Loss



Attenuation Start: 0.025Hz Stop: 250.0MHz

Return Loss Start: 0.025Hz Stop: 250.0MHz

Marker 1 Freq 100.16MHz Atten -0.459dB

Marker 1A Freq 124.79MHz Ret Loss -0.096dB

Marker 2 Freq 125.20MHz Atten -42.489dB

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

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