



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 @ 125-500 MHz Min
Power Handling: 100 Watts

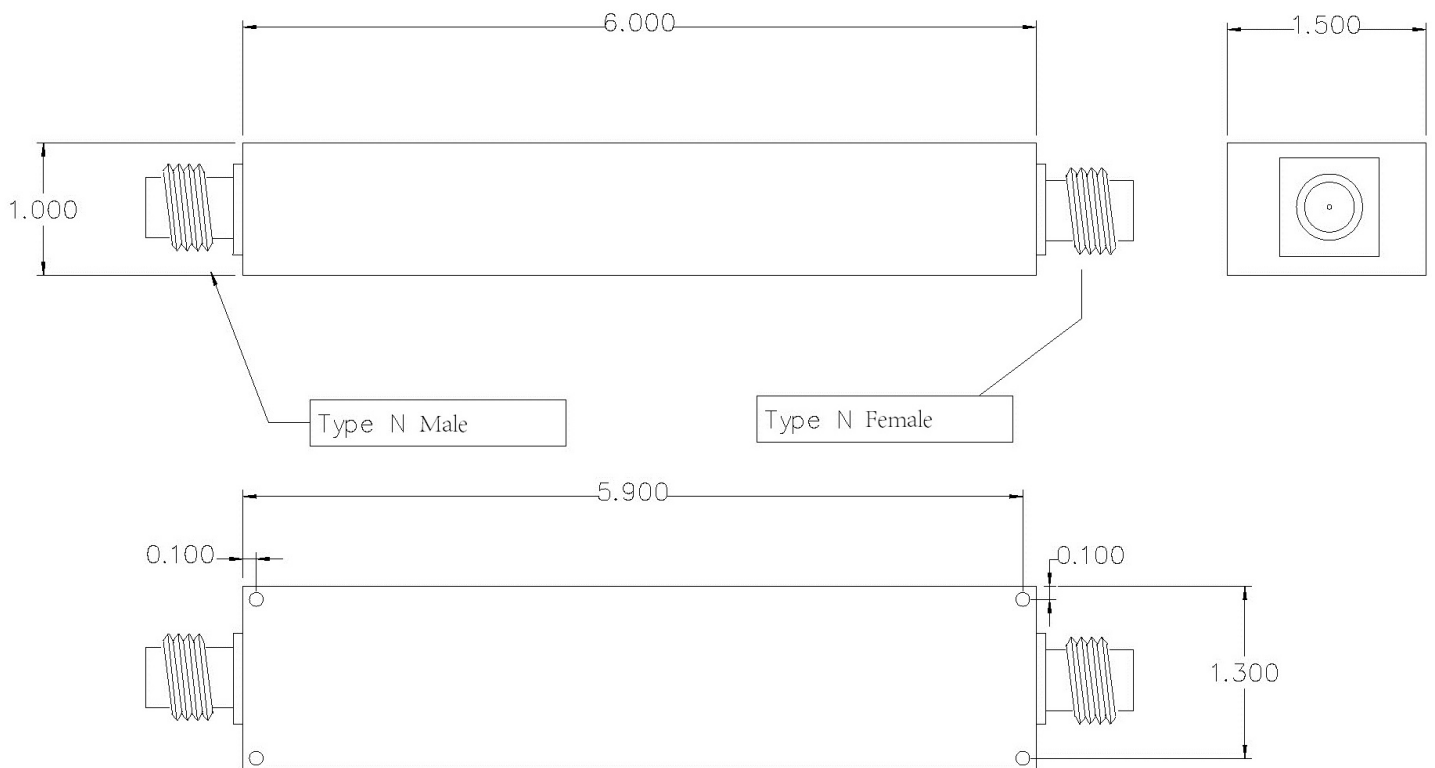
Mechanical

Connector Type: N-Type (M/F)
Dimensions: 6.0 x 1.5 x 1.0 Inches

Environmental

Operating Temperature: -30 to +70° C

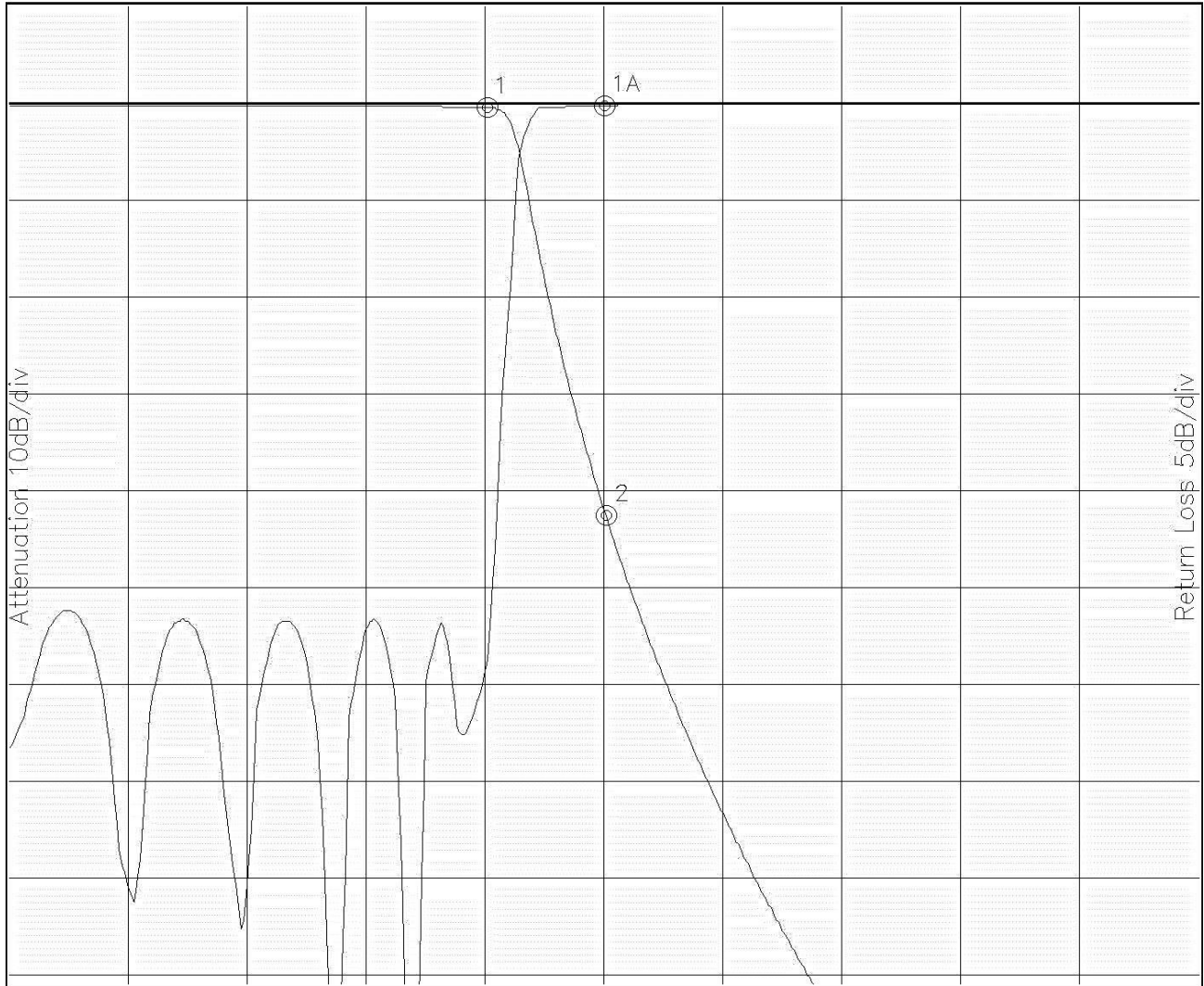
Outline Drawing:





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.