



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

300 MHz Low Pass Filter

Part Number: AE300L9175



Electrical Specifications

Cutoff Frequency: 300 MHz
Pass Band: 0-300 MHz
Pass Band Insertion Loss: 0.6 dB Max
Return Loss: 15 dB Min
Rejection: >40 dB @ 375-900 MHz Min
Impedance: 50 Ohms In/Out
Power Handling: 100 Watts

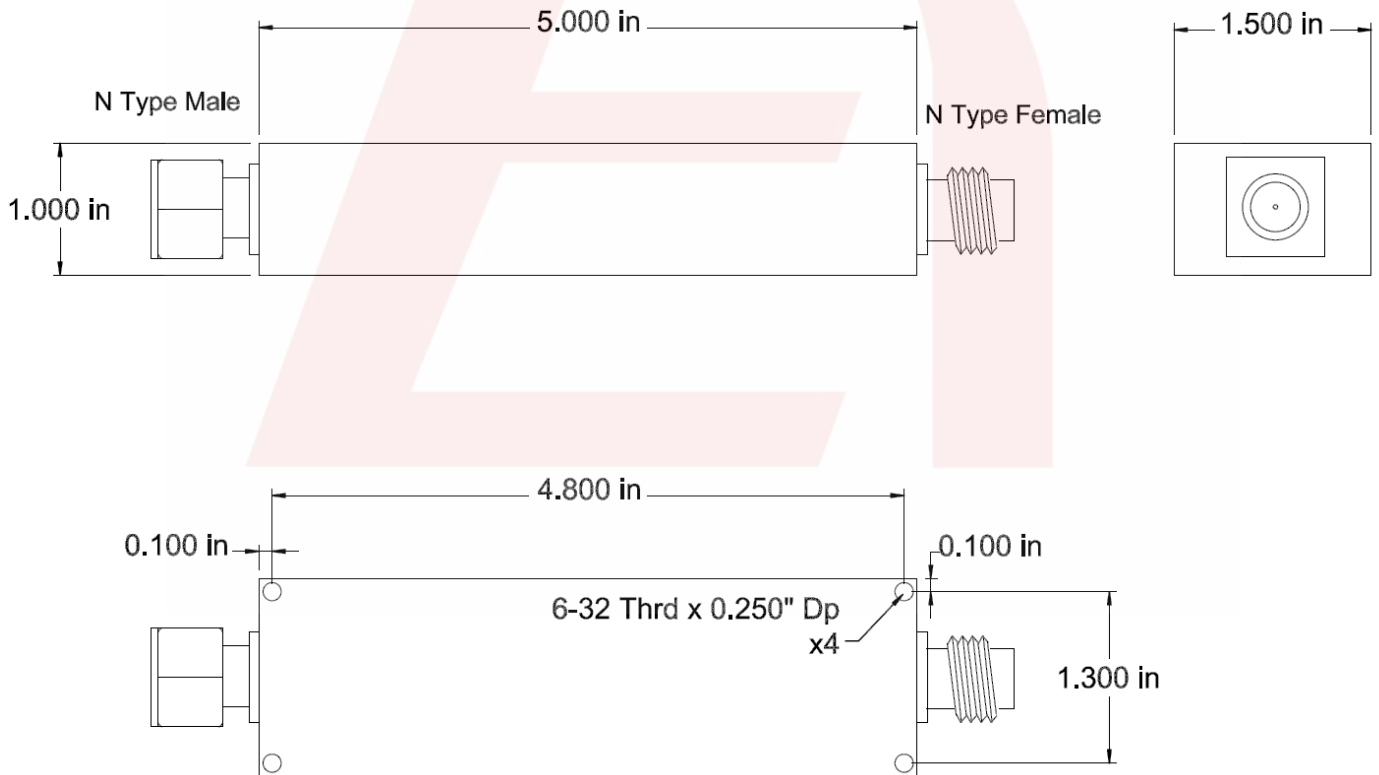
Mechanical

Connector Type: N-Type (M/F)
Dimensions: 5.0 x 1.5 x 1.0 Inches

Environmental

Operating Temperature: -30 to +70° C

Outline Drawing:



DS-L9175-04242015-Rev2

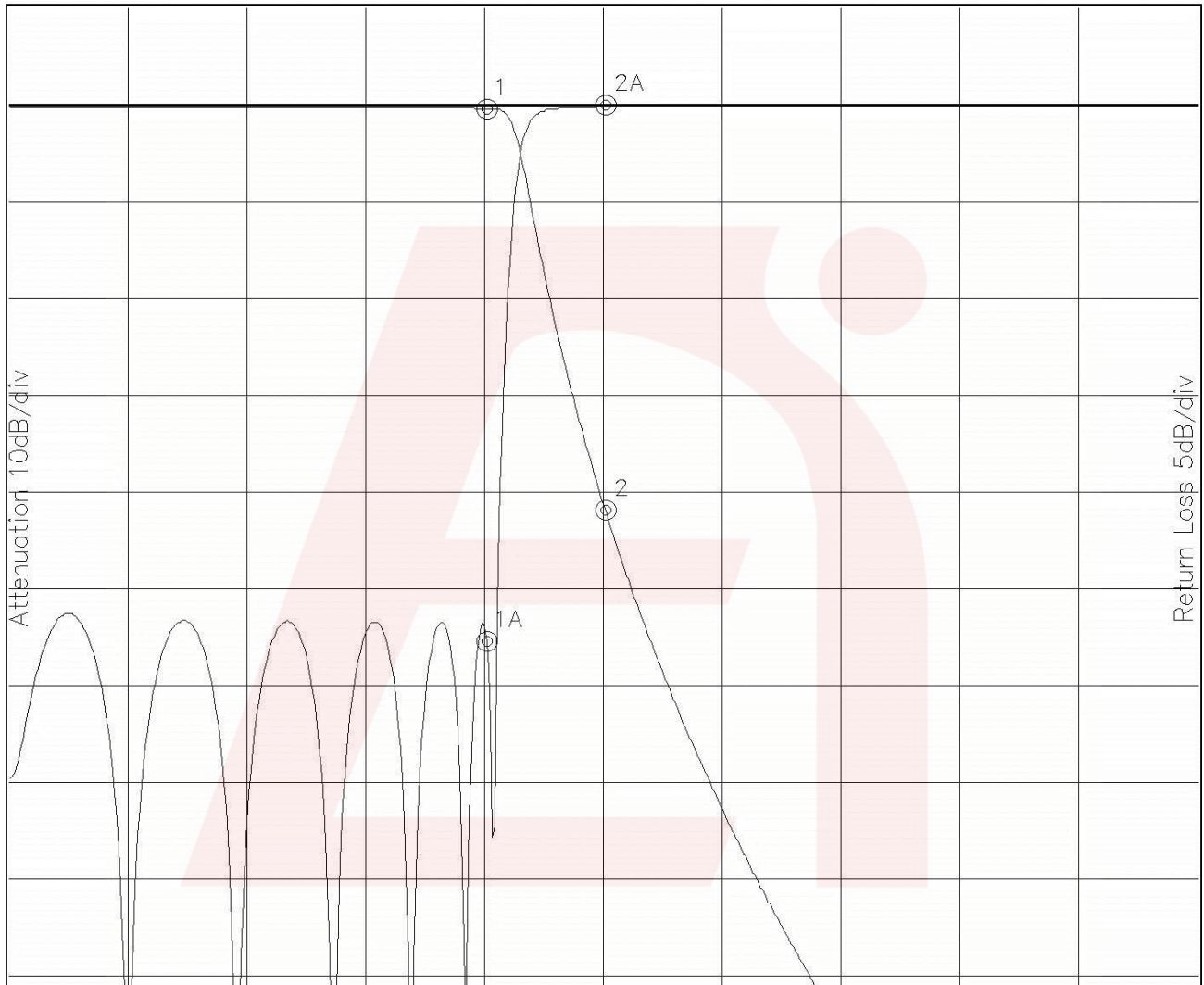


Simulated Plot:

A489.lad

MAR 24, 2015

Attenuation/Return Loss



Attenuation Start: 0.075Hz Stop: 750.0MHz

Return Loss Start: 0.075Hz Stop: 750.0MHz

Marker 1 Freq 300.48MHz Atten -0.377dB

Marker 1A Freq 300.48MHz Ret Loss -27.581dB

Marker 2 Freq 375.60MHz Atten -41.836dB

Marker 2A Freq 375.60MHz Ret Loss 0.000dB

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