



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1750 MHz Suspended Stripline Low Pass Filter

Part Number: AE1750SSL1022



Electrical Specifications

Cut Off Frequency: 1.75GHz
Pass Band Frequency: DC~1.75GHz
Pass Band Insertion Loss:
 $\leq 1.0\text{dB @ DC}\sim 1.65\text{GHz}$
 $\leq 1.5\text{dB @ } 1.65\sim 1.75\text{GHz}$
Pass Band VSWR: $\leq 1.3:1$
Stop Band Attenuation: $\geq 60\text{dB @ } 2.1\sim 5.8\text{GHz}$
Impedance: 50 Ohms
Power Handling: $\leq 15\text{W}$

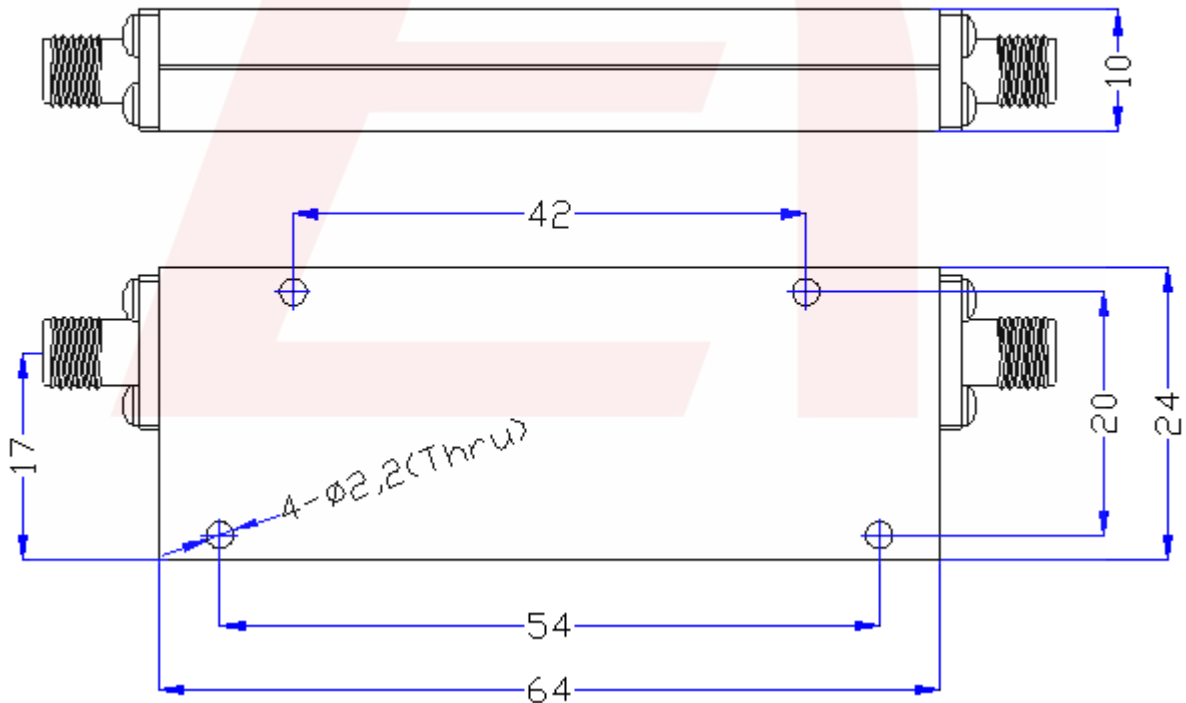
Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 64 x 24 x 10 mm

Environmental

Operating Temperature: -45° to $+85^\circ$ C
Storage Temperature: -55° to $+95^\circ$ C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



DS-SSL1022-09162022-Rev0



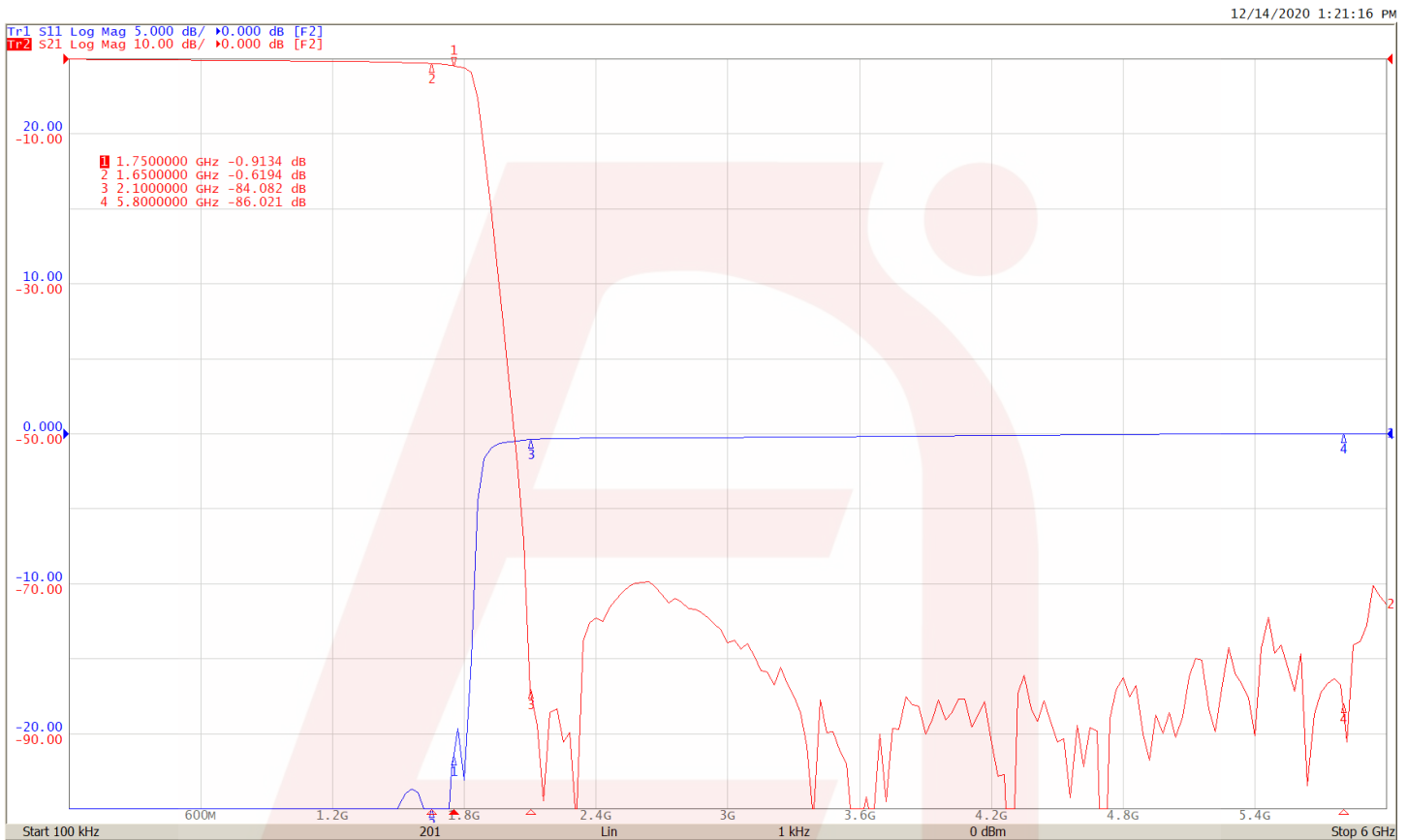
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Response Plot:



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70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com