



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

500 MHz LC Bandpass Filter

Part Number: AE500B9972



Electrical specifications

Passband: 250-750 MHz

Insertion Loss: 2 dB

Passband Return Loss: 15 dB Max

Rejection: 50 dB Max @ 0-50 MHz

Rejection: 50 dB Max @ 1-6 GHz

Impedance: 50 Ohms In/Out

Power Handling: 20 W CW Max

Mechanical

Mounting Method: Threaded Holes

Connector Type: SMA (F)

Dimensions: 1.75 x .5 x .4 in

Environmental

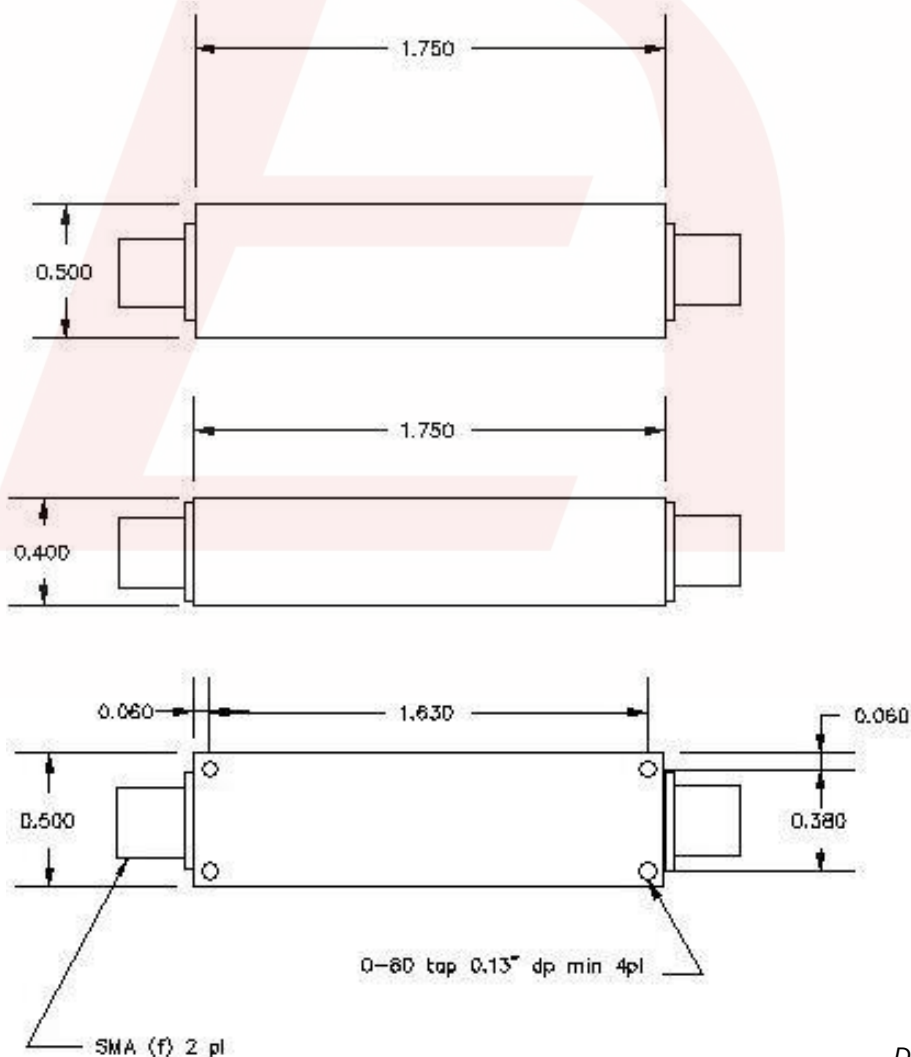
Operating Temperature: -45°C to +85°C

Storage Temperature: -55°C to +95°C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:



DS-B9972-09202024-Rev2



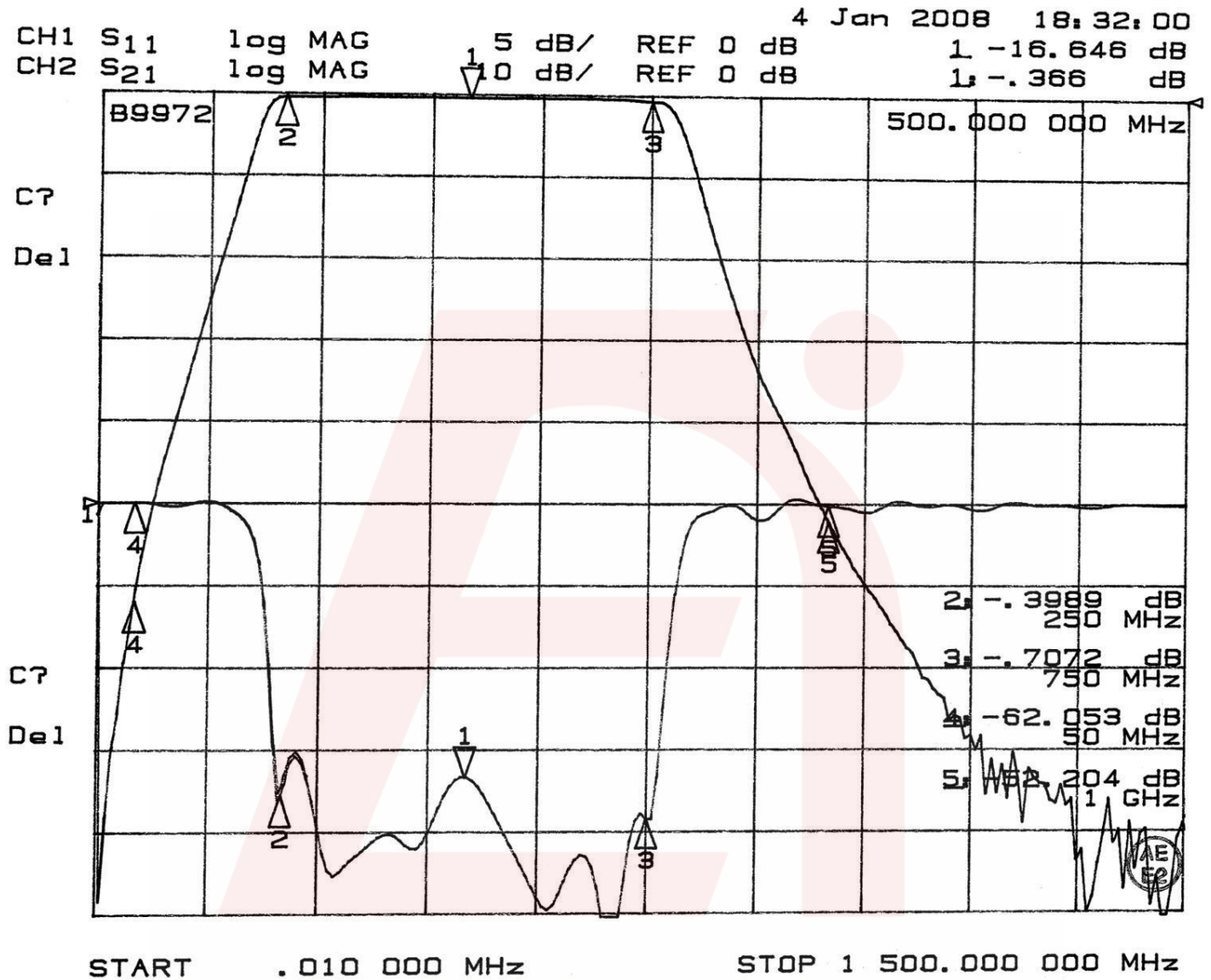
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Response Plot:



DS-B9972-09202024-Rev2