



High Current Low Pass Filter

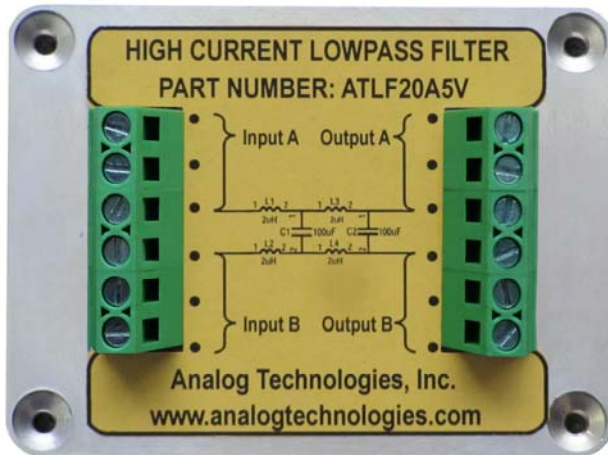


Figure 1. Physical Photo of ATLS20A5V

FEATURES

- Maximum output current: 20A
- Wide output voltage: 0V ~ 5V
- Low temperature rise: 35°C
- Operating temperature: -20°C ~ 50°C
- Compact size

ATTENUATION VS.FREQUENCY

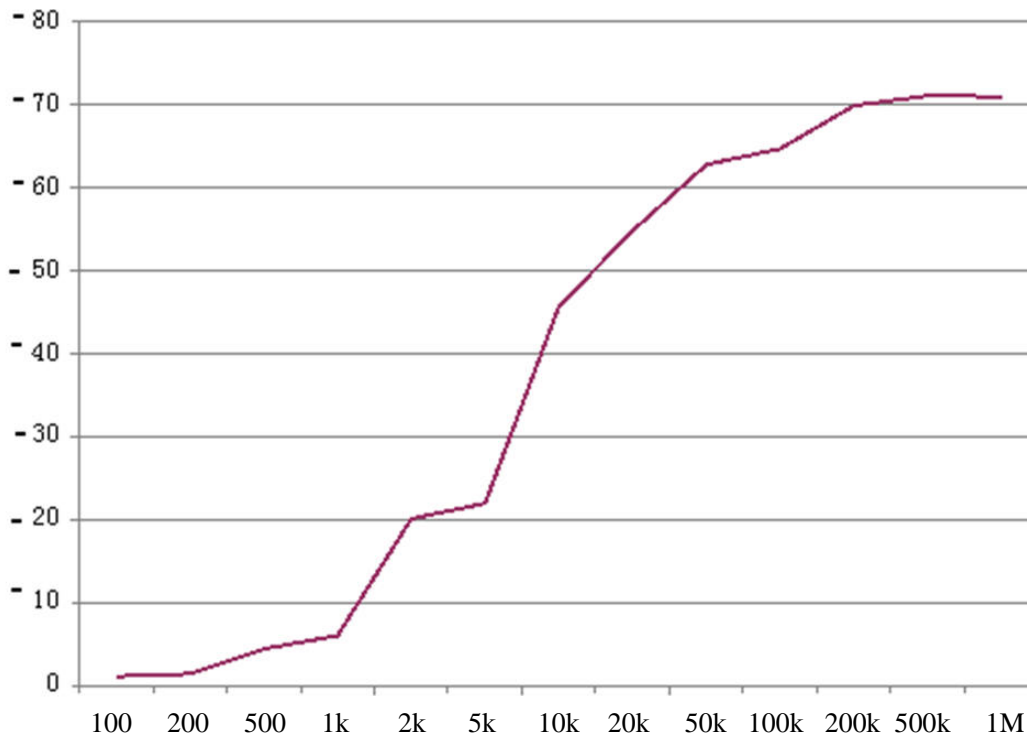


Figure 2. Attenuation Vs. Frequency

APPLICATIONS

Filter the noise for power supply, laser drivers and other devices.

DESCRIPTIONS

The filter is a device designed to filter the ripples of laser driver, the output of which will not be influenced by the filter. The input voltage ranges from 0V to 5V, the current is from 0A to 20A.

This filter can be mounted on the power supply, laser driver and other devices which need to filter noise.

It can filter the noise of 10kHz ~ 1MHz of the power supply and laser drivers and can attenuation about 70dB, eliminating the negative influences against the output of the laser driver by the power supply.

CONNECTOR FUNCTIONS

As shown in Figure 3, the filter has two connectors, one of which on the left is connected to the laser driver. The outputs of the laser driver are connected to the input A and input B of the filter respectively. The output A and output B of the connector on the right are connected to the load.

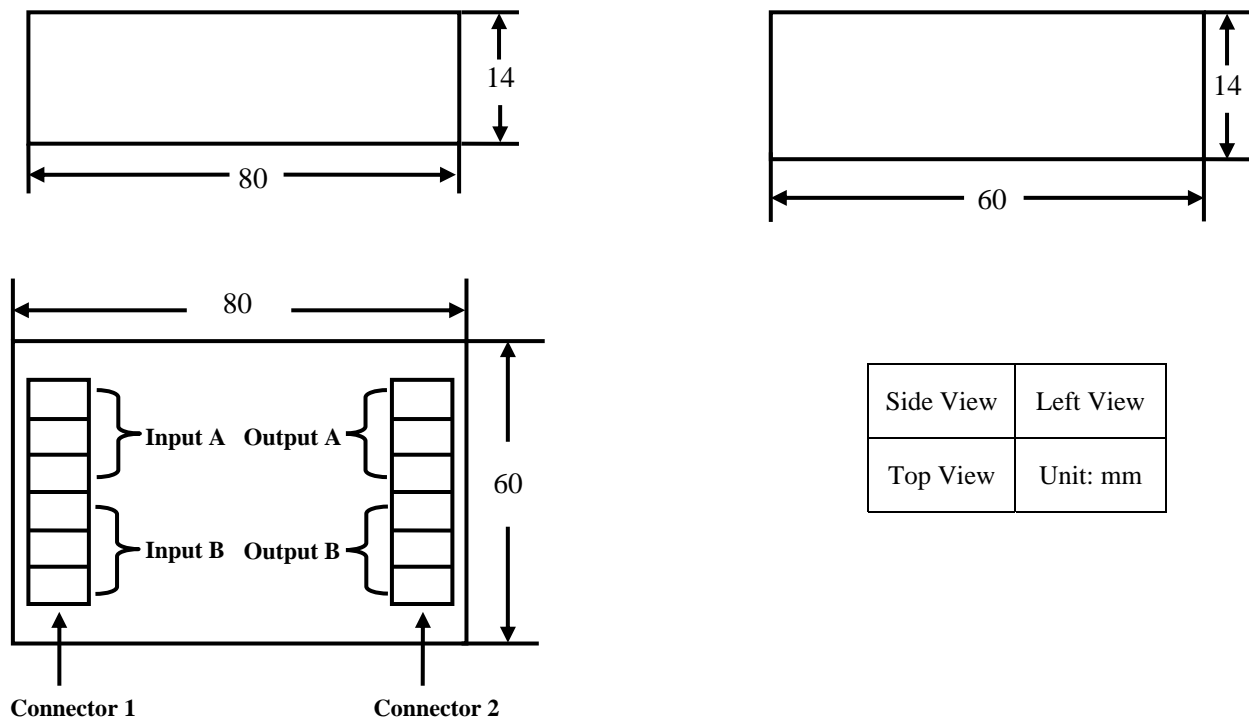
MECHANICAL DIMENSIONS


Figure 3. Pin Names and Locations



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