

High Current Low Pass Filter

FEATURES

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

APPLICATIONS

Driving diode lasers with high current and high stability, such as fiber lasers, diode laser bars, etc.

DESCRIPTIONS

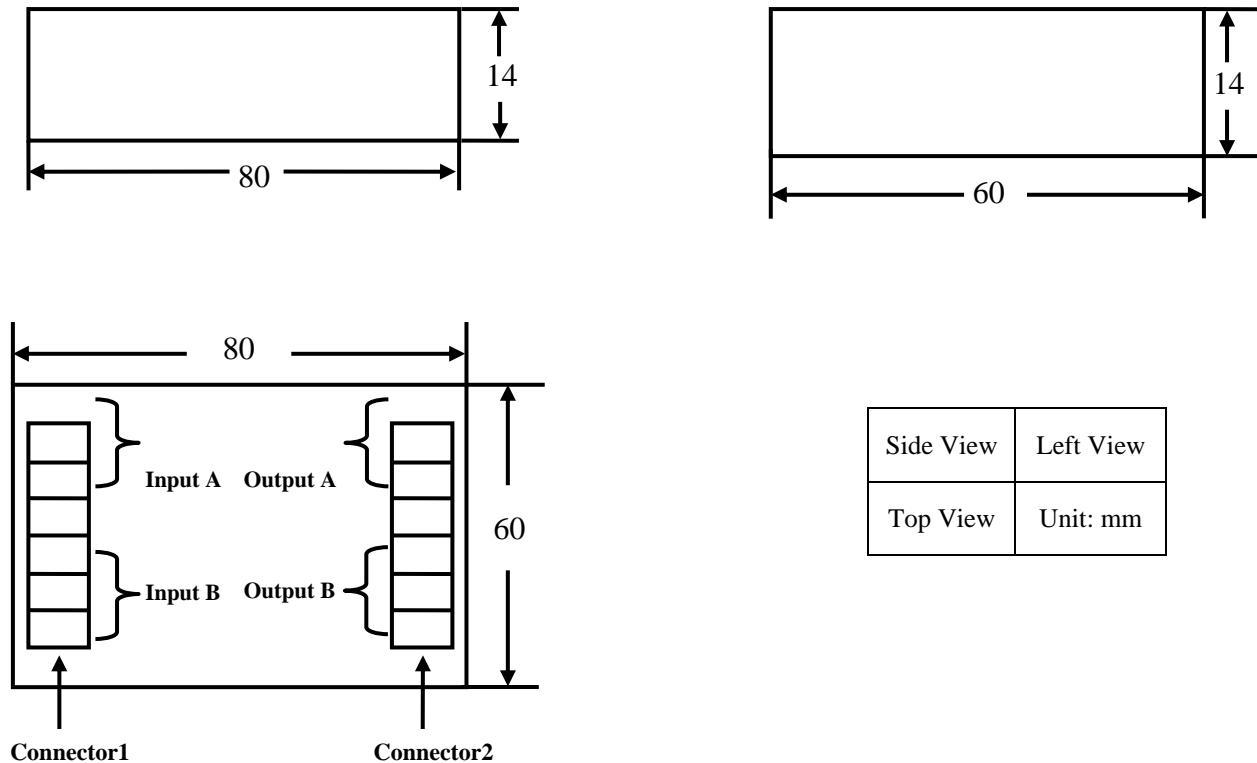
The filter is a device designed to filter the ripples of laser driver, the output of which will not be influenced by the filter. The input voltage ranges from 0V to 5V, the current is from 0A to 20A.

It can filter the ripples 10 KHz ~ 1 MHz of the power supply, it can attenuation 70db, eliminating the negative influences against the output of the laser driver by the power supply.

CONNECTOR FUNCTIONS

As shown in Figure 1, 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



Side View	Left View
Top View	Unit: mm

Figure1. Pin Names and Locations



ORDERING INFORMATION

Table 1 Unit Price

Quantity	1 – 4	5 – 24	25 – 99	≥100
ATLF20A5V	\$290	\$260	\$240	\$220

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