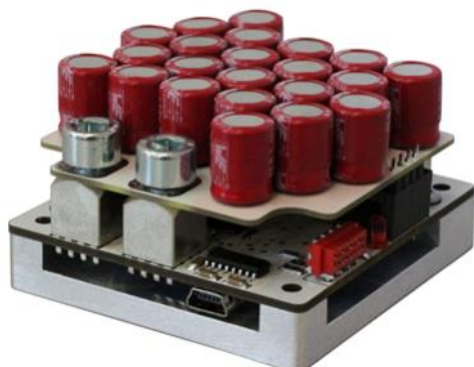


### Information



Diode driver is designed to supplying the laser diodes and diode arrays by pulsed current up to 200A or DC current up to 64A. Produced as an OEM module. The driver provides a wide range of smooth change of parameters of radiation.

Series SF60XX is widely used in laser technology complexes (marking, welding, soldering, cutting), medical devices, measuring laser equipment (spectrometers, lidar, range finders).

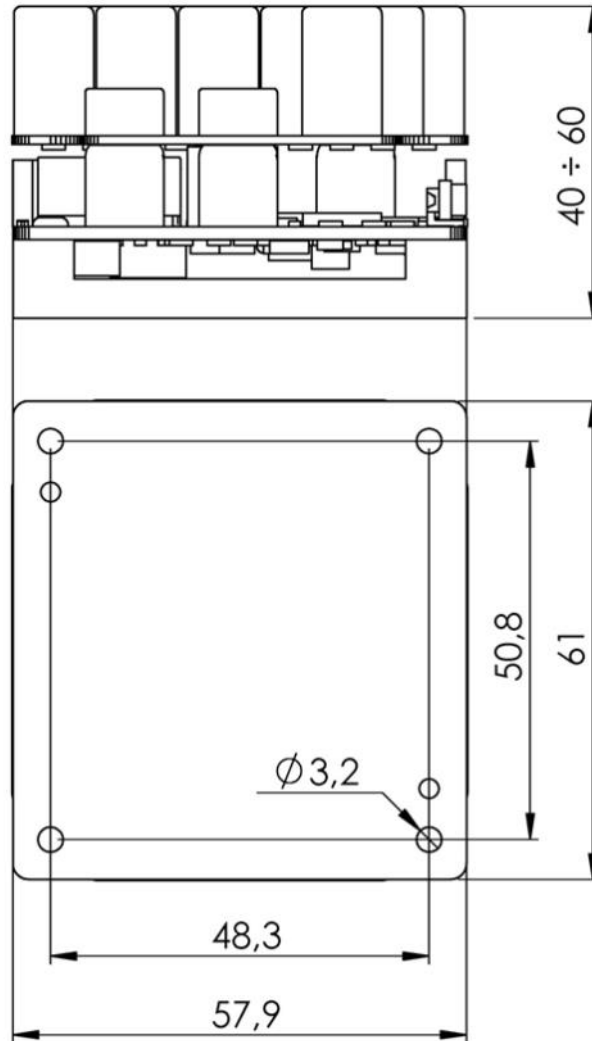
### Specifications

#### SF6015

Mode	pulse
Pulse rate* (F)	1-1000 Hz
Output voltage* (V)	0-25 V (Vin—6V max)
Output current* (I)	1-200 A
Pulse duration* ( $\tau$ )	10-5000 $\mu$ s
Rise time	<15 $\mu$ s
Fall time	<15 $\mu$ s
Output current tolerance	0.3 %
Average output current* (Iavg)	5 A
Input voltage range	12—32 V
* Values are limited by average power	$F \cdot I \cdot \tau \leq I_{avg}$
Control	digital RS-232
Dimension (mm)	61*58*40÷60 half-brick

### Features

- enable / disable input
- trigger input
- external blocking
- current protection
- temperature protection



SF6015