

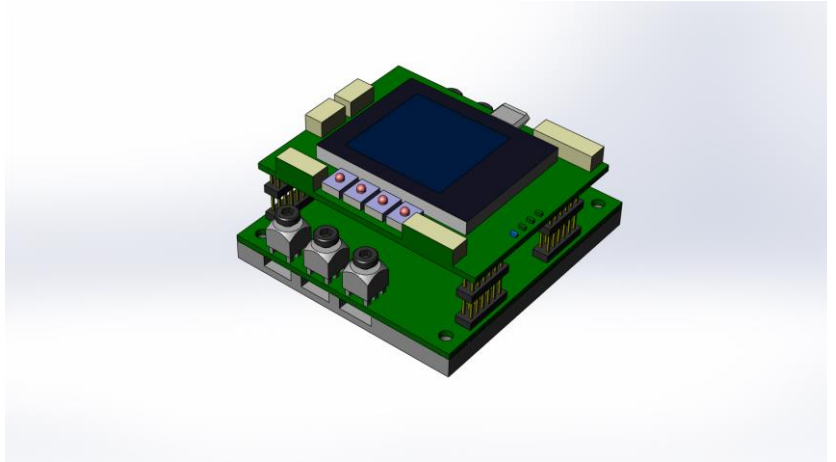
OEM HIGH POWER LASER DRIVER

ALC-OEM-LD-1500

AKELA's OEM laser driver is fully digital instrument, which specifically addresses the needs of equipment manufacturers. It provides a cost-effective solution in a very compact footprint.

Features

- Display
- Safety interlock
- PID
- Current limit
- USB computer interface
- Constant power/current operating modes
- Internal modulation
- High stability
- High accuracy
- High compliance voltage

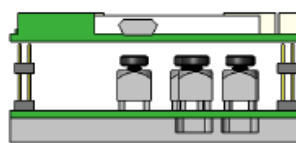
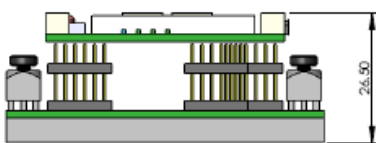
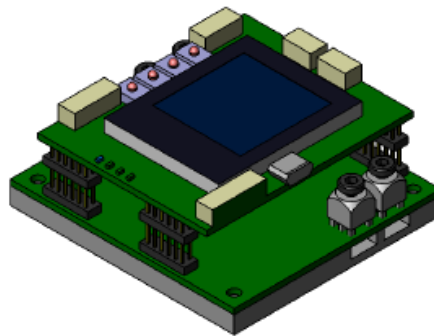
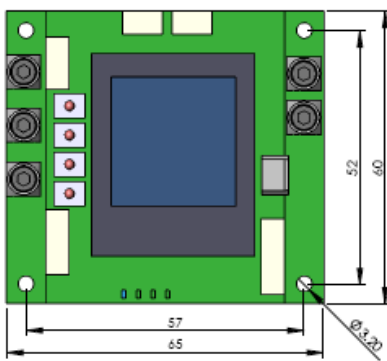


Specifications

| Parameters | Units | |
|-------------------------------------|-------|-------------------------|
| Laser Diode Current Range | A | 0 - 15 |
| Setting/Measurement Resolution | mA | 10 |
| Compliance Voltage | V | >15 |
| Drift, 24 hours (0-10Hz) | mA | <1 |
| Power Monitor Input | | Photodiode |
| Internal Laser Modulation Waveforms | | Sine, Square, Arbitrary |
| Frequency Range | Hz | 10 – 10,000 |
| Modulation Depth | % | 0.1 – 100 |

Power Supply Parameters

| | | |
|---------|---|---------|
| Current | A | >15 |
| Voltage | V | 12 - 18 |



These components do not comply with the Federal Regulations (21 CFR Subchapter 1) as administered by the Center for Devices and Radiological health. Purchaser acknowledges that his/her products must comply with these regulations before they can be sold. Akela laser Corporation reserves right to change any specifications.

AKELA Laser Corporation

1095 Cranbury South River Road, Suite 14, Jamesburg, NJ 08831, USA
 Phone: (732) 305-7105 e-mail: info@AKELALaser.com web: www.AKELALaser.com