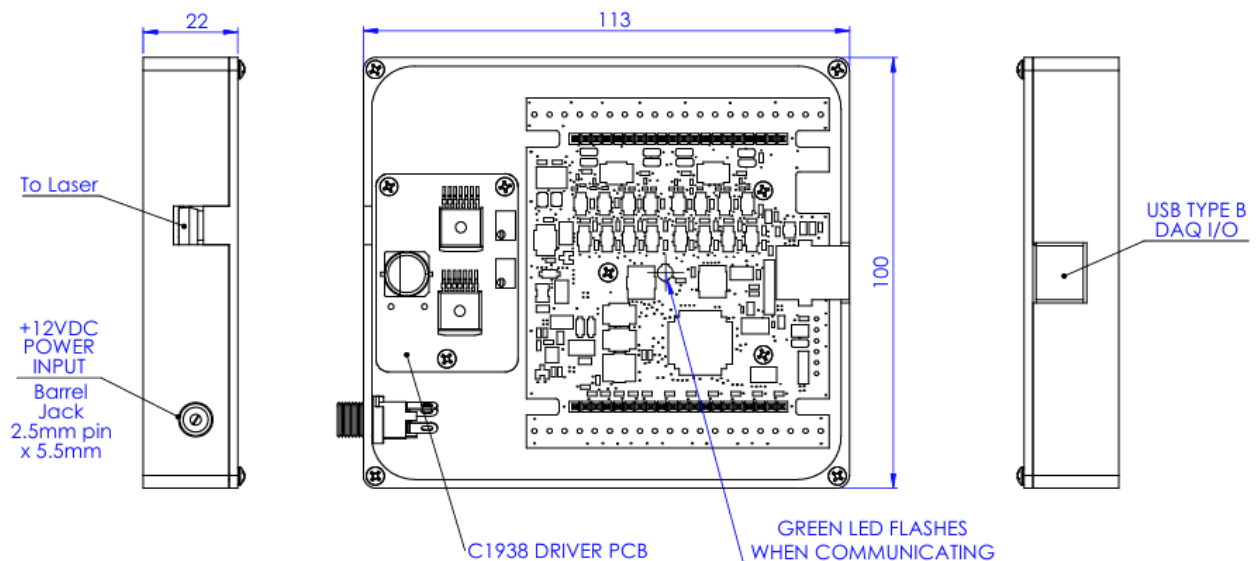




## 10A Pulsed Laser Diode Driver with USB DAQ and GUI

Ideal for driving MWL laser model # ER902

| Parameter                 | Nominal Value                                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>              | C1995                                                                                                                         |
| <b>Maximum Current</b>    | 10 Amps                                                                                                                       |
| <b>Maximum Rep-Rate</b>   | 10 Hz (higher upon request)                                                                                                   |
| <b>Maximum Pulsewidth</b> | 3 ms (longer upon request)                                                                                                    |
| <b>Maximum Compliance</b> | 5 V <sub>f</sub> for Laser (higher upon request)                                                                              |
| <b>Size</b>               | 113 x 100 x 22 mm (L x W x H)                                                                                                 |
| <b>Weight</b>             | 135 g                                                                                                                         |
| <b>Power Input</b>        | +12VDC, 1.7A (20W) via barrel jack connector, 2.5mm pin x 5.5mm                                                               |
| <b>Laser Cable</b>        | 1 meters maximum (20AWG) to Laser                                                                                             |
| <b>USB Cable</b>          | 1 meter USB Type A/B.                                                                                                         |
| <b>Laser Driver GUI</b>   | MWL LabVIEW driver GUI for Windows PCs is included.                                                                           |
| <b>Fire Control</b>       | Current, Repetition Rate, Pulsewidth, and Burst / Continuous modes are set using the supplied Graphical User Interface (GUI). |





A laser driver graphical user interface (GUI) is included with the C1995 laser driver.

**Laser Driver GUI**

**Driver Status** **Not Ready**

**Current** 5.5 Amps (0.5-6.1)

**Pulsewidth** 2000 us (99-3001)

**Repetition Rate** 10 Hz (1-10)

**Shot Count** 0 Pulses (0-100000)

**Continuous** ☐

**Start** **Stop**

**Laser Driver Factory Settings**

Please refer to the laser checkout sheet for recommended current and pulsewidth settings for your specific laser.



For more information, contact [sales@megawattlasers.com](mailto:sales@megawattlasers.com)

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