

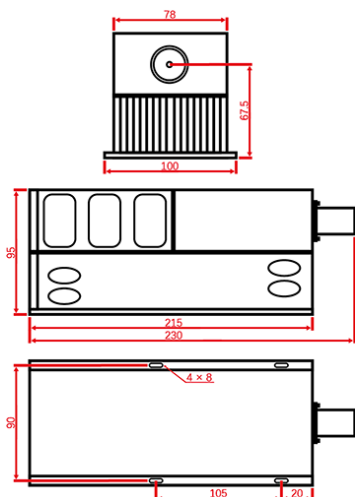
## 523.5nm Green DPSS Laser



### †Specifications

|  |  |
|--|--|
| Product Code                               | SSL - 523 - XXXX - XXM - D - LED         |
| Wavelength [ nm ]                          | 523.5                                    |
| Output Power [ mW ] [ 0 - Max Adjustable ] | 600 - 1000                               |
| Transverse Mode                            | TEM <sub>00</sub> / CW                   |
| Operating Temperature [ °C ]               | +10 - +35                                |
| Storage Temperatures [ °C ]                | -10 - +45                                |
| Warm-up Time [ minutes ]                   | < 15                                     |
| Power Stability [ rms, over 4 hours ]      | 5%, 3%, 1%                               |
| M <sup>2</sup> Factor                      | < 2.5                                    |
| Beam Diameter At The Aperture [ mm ]       | ~ 2.5                                    |
| Beam Divergence, Full Angle [ mrad ]       | < 1.5                                    |
| Spectral Linewidth [ nm ]                  | < 0.1                                    |
| Polarization Ratio                         | > 100 : 1                                |
| Point Stability After Warm-up [ mrad ]     | < 0.05                                   |
| Noise of Amplitude [ rms ]                 | < 30%                                    |
| Modulation [ TTL or Analog Alternative ]   | Standard 10KHz, Up to 40KHz need request |
| Laser Head Dimensions [ mm ]               | 230 [L] × 100 [W] × 95 [H]               |
| Power Supply Dimensions [ mm ]             | 260 [L] × 145 [W] × 105 [H]              |
| Working Voltage [ VAC ]                    | 85~245, 50/60Hz                          |
| Laser Gross Weight [ kg ]                  | 5.5                                      |
| Cooling Way                                | Cooled by TEC and air                    |
| Expected Lifetime [ hours ]                | > 10000                                  |
| Warranty Time [ year ]                     | 1  |

#### Laser Head Dimension:



#### Power Supply Dimension:

