

### OEM-XD-405/5000-10000mW

### OEM VIOLET DIODE LASER AT 405NM





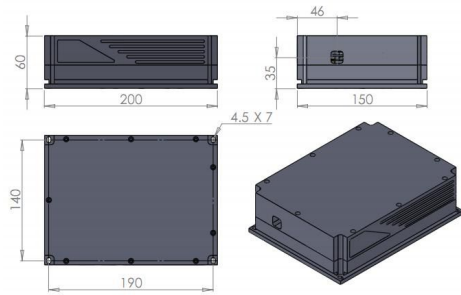
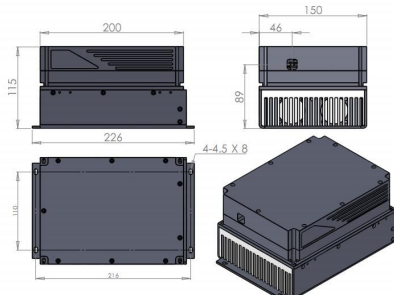
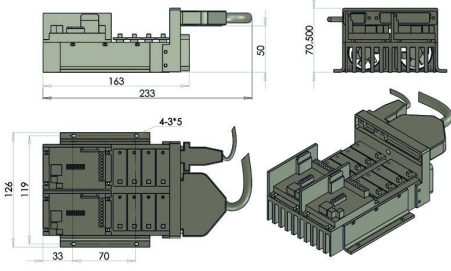
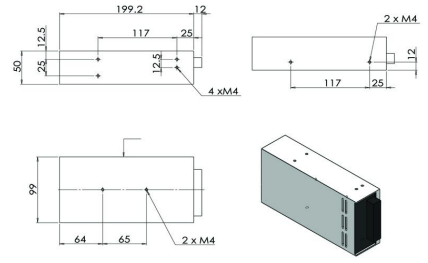
OEM Violet diode laser module at 405nm is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



#### SPECIFICATIONS

|   |   |                   |
|---|---|-------------------|
| Model                                       | OEM-XD-405  |                   |
| Wavelength (nm)                             | 405±5   |                   |
| Output power (mW)                           | >5000, 6000, ... , 10000                                  |                   |
| Operating mode                              | CW  |                   |
| Power stability (rms, over 4 hours) at 25°C | <1%, <3%, <5%   |                   |
| Warm-up time (minutes)                      | <5  |                   |
| Beam divergence, full angle (mrad)          | 0.8×0.6   |                   |
| Beam diameter at the aperture (mm)          | ~6×7  |                   |
| Polarization direction                      | Horizontal+Vertical                                       |                   |
| Beam height from base plate (mm)            | 35(OEM-XD-405)  | 89(XD-405-HS)     |
| Operating temperature (°C)                  | 25+/-3 (OEM-XD-405)                                       | 10-35 (XD-405-HS) |
| Power supply                                | PSU-XD-OEM  |                   |
| Expected lifetime (hours)                   | 10000   |                   |
| Modulation option                           | TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off |                   |
| Warranty time                               | 1 Year  |                   |



| OEM-XD-405  | XD-405-HS  | PSU-XD-OEM   | Adapter   |
|---|--|--|---|
|  <p>200(L)×150(W)×60(H) mm<sup>3</sup>, 5kg</p> |  <p>226(L)×150(W)×115(H) mm<sup>3</sup>, 6.6 kg</p> |  <p>233(L)×126(W)×70.5(H) mm<sup>3</sup>, 1 kg</p> |  <p>211.2(L)×99(W)×50(H) mm<sup>3</sup></p> |
|    |    |   |    |