

HIGH POWER DIODE LASER MODULE WITH FIBER OUTPUT

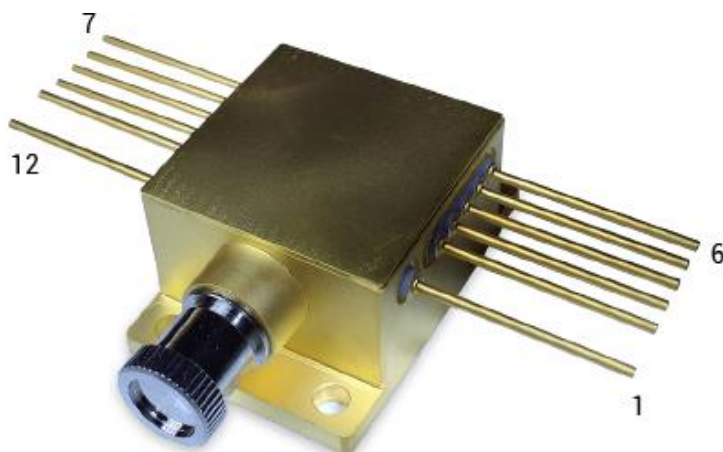
ALC-635-0550-FM200.22

Features

- Compact size
- Detachable 200 μ m SMA-fiber
- Thermistor
- Power monitor

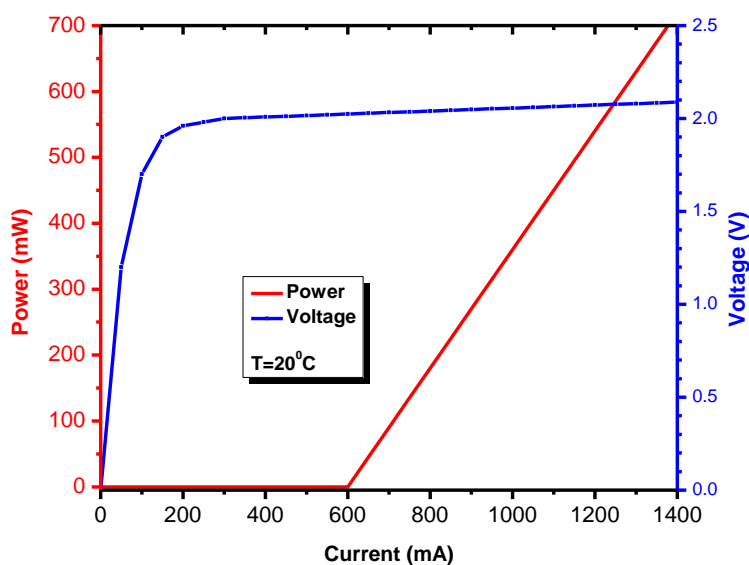
Applications

- Medical
- Printing
- Projection



Specifications

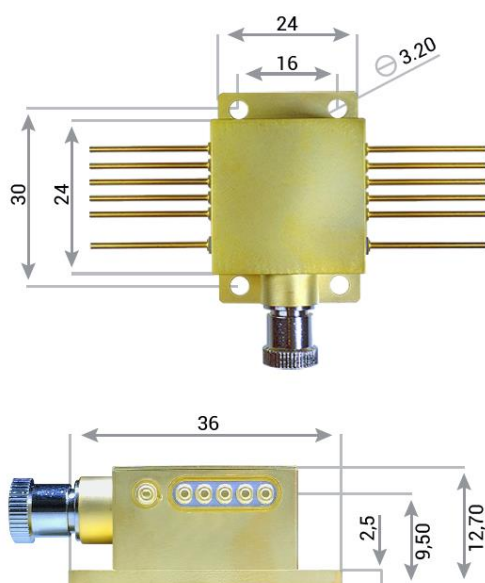
| Optical Parameters | Units | |
|------------------------------|------------------|---------|
| Center Wavelength | nm | 635 |
| Wavelength Tolerance | nm | ± 3 |
| Spectral Width (FWHM) | nm | 1.0 |
| Wavelength Temp. Coefficient | nm/ $^{\circ}$ C | 0.4 |
| Output Power | mW | >550 |
| Operating Current | mA | 1200 |
| Operating Voltage | V | <2.2 |
| Threshold Current | mA | 600 |



| Fiber Parameters | | |
|---------------------|---------|---------|
| Fiber Core Diameter | μ m | 200 |
| Numerical Aperture | | 0.22 |
| Fiber Connector | | SMA-905 |

Pin-Out

1. TEC (+)
2. Thermistor
3. Not connected
4. Laser Diode Anode
5. Laser Diode Anode
6. Power monitor (+)
7. Power monitor (-)
8. Laser Diode Cathode
9. Laser Diode Cathode
10. Not connected
11. Thermistor
12. TEC (-)



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.