

HIGH POWER LASER MODULE WITH FIBER OUTPUT

ALC-940-70000-FM400.22-Setia

Features

- Compact size
- Detachable 400 μ m SMA-fiber
- Thermistor
- Power monitor

Applications

- Medical
- Solid State Laser Pumping
- Material Processing



Specifications

| Optical Parameters | Units | |
|--------------------|-------|--|
|--------------------|-------|--|

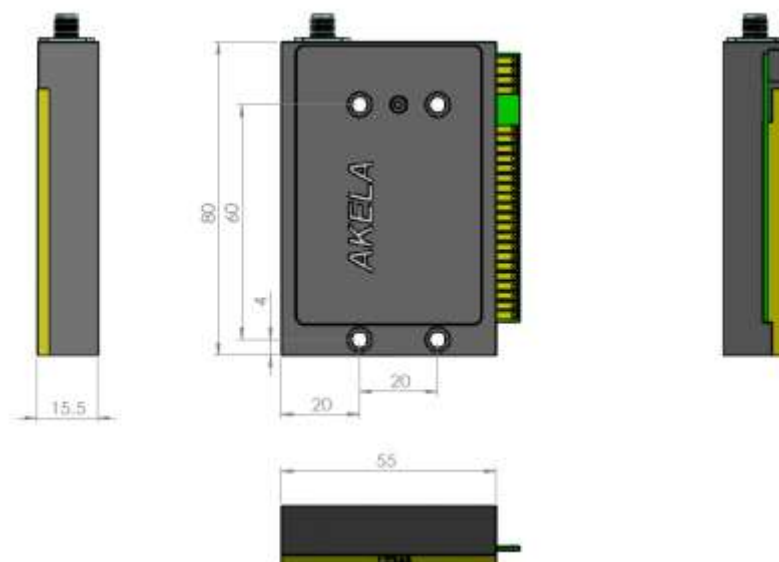
| | | |
|------------------------------|------------------|---------|
| Center Wavelength | nm | 940 |
| Wavelength Tolerance | nm | ± 5 |
| Spectral Width (FWHM) | nm | 3 |
| Wavelength Temp. Coefficient | nm/ $^{\circ}$ C | 0.3 |
| Output Power | W | 70 |
| Operating Current | A | 12 |
| Operating Voltage | V | <17 |
| Threshold Current | A | 0.55 |

| Fiber Parameters | | |
|------------------|--|--|
|------------------|--|--|

| | | |
|---------------------|---------|---------|
| Fiber Core Diameter | μ m | 400 |
| Numerical Aperture | | 0.22 |
| Fiber Connector | | SMA-905 |

Pin-Out

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



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.