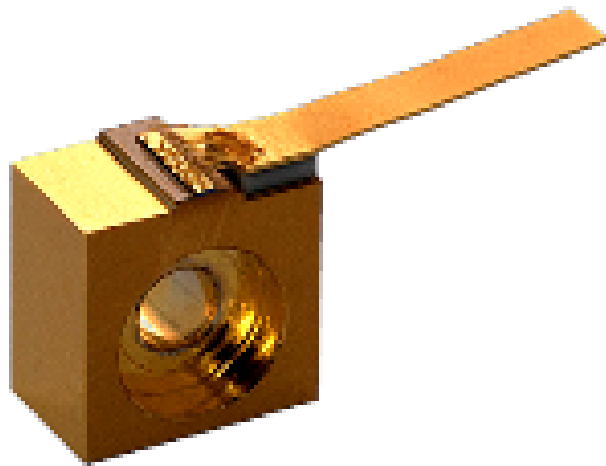


HIGH POWER DIODE LASER

ALC-635-400-CB

The C-mount is an ideal component for quick prototyping and laboratory setups. However, the maximum output power is typically limited by the inherently sub-optimal heat dissipation properties of the C-mount itself.

Please contact us to discuss the best package option for your application.

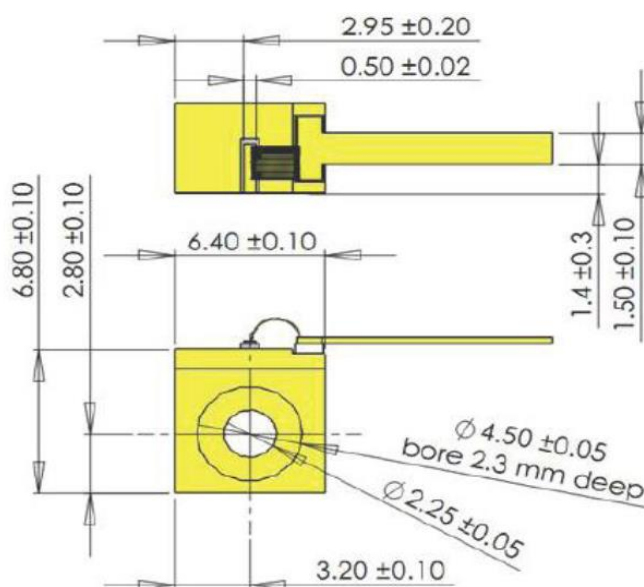
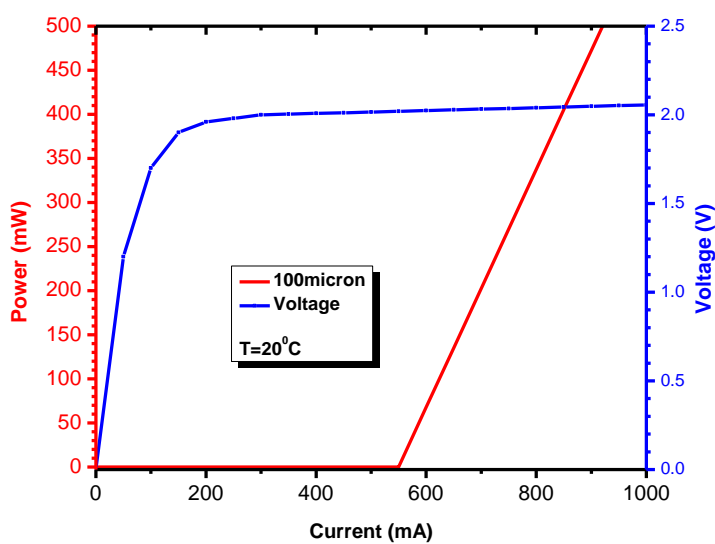


Applications

- Medical
- Solid State Laser Pumping

Specifications

| Optical Parameters | Units | |
|---------------------------------|---------|------|
| Center Wavelength | nm | 635 |
| Wavelength Tolerance | nm | ±3 |
| Spectral Width (FWHM) | nm | 1.0 |
| Wavelength Temp. Coefficient | nm/°C | 0.38 |
| Output Power | mW | >400 |
| Operating Current | mA | 850 |
| Operating Voltage | V | <2.2 |
| Threshold Current | mA | 550 |
| Emitter width | µm | 100 |
| Beam divergence fast axis, FWHM | degrees | 34 |
| Beam divergence slow axis, FWHM | degrees | 7 |



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.