

## HIGH POWER DIODE LASER

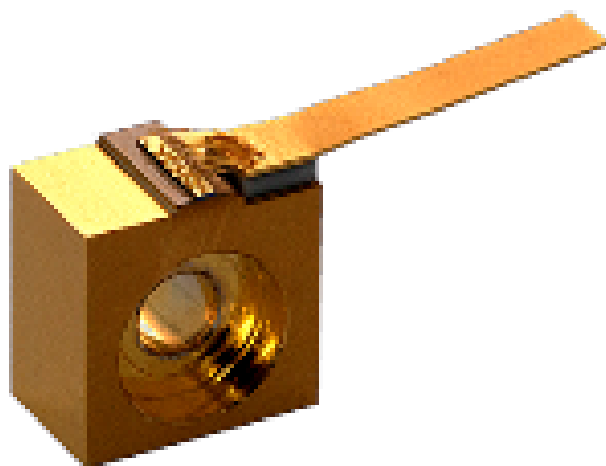
*ALC-1320-8000-CB*

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.

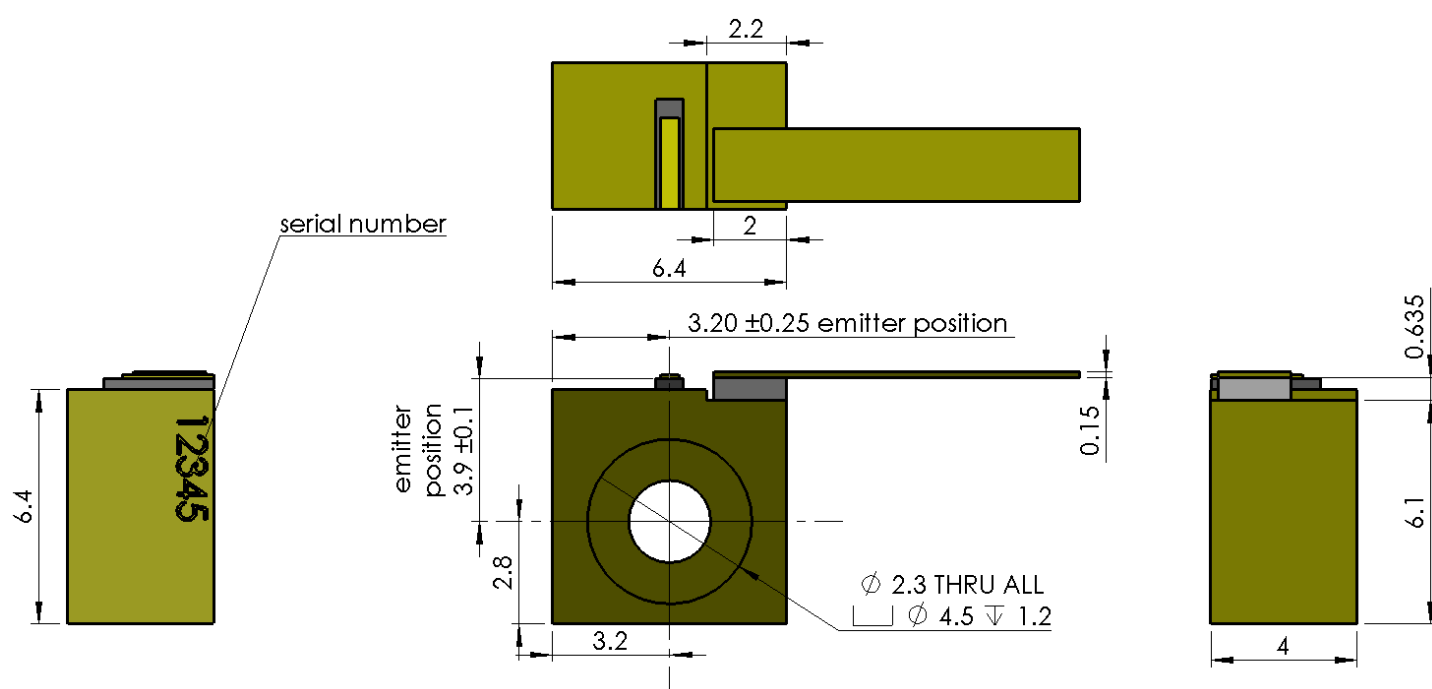
### Applications

- Medical
- Material Processing



### Specifications

| Optical Parameters              | Units   |      |
|---------------------------------|---------|------|
| Center Wavelength               | nm      | 1320 |
| Wavelength Tolerance            | nm      | ±10  |
| Spectral Width (FWHM)           | nm      | 10.0 |
| Wavelength Temp. Coefficient    | nm/°C   | 0.5  |
| Output Power                    | W       | >8   |
| Operating Current               | A       | 18   |
| Operating Voltage               | V       | <1.5 |
| Threshold Current               | A       | 1.0  |
| Emitter width                   | µm      | 250  |
| Beam divergence fast axis, FWHM | degrees | 33   |
| Beam divergence slow axis, FWHM | degrees | 10   |



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

## AKELA Laser Corporation

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