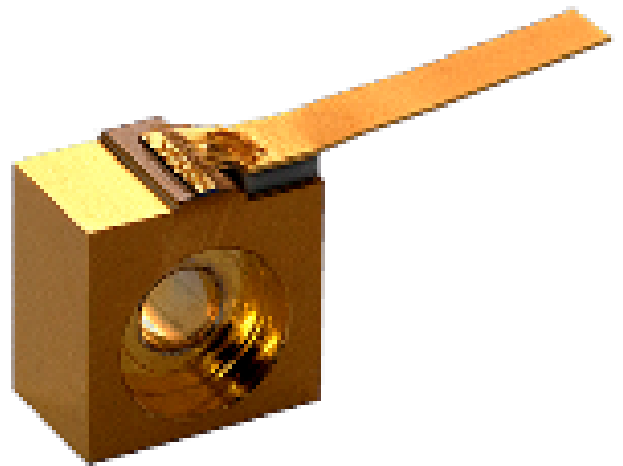


## HIGH POWER DIODE LASER

ALC-885-000-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.

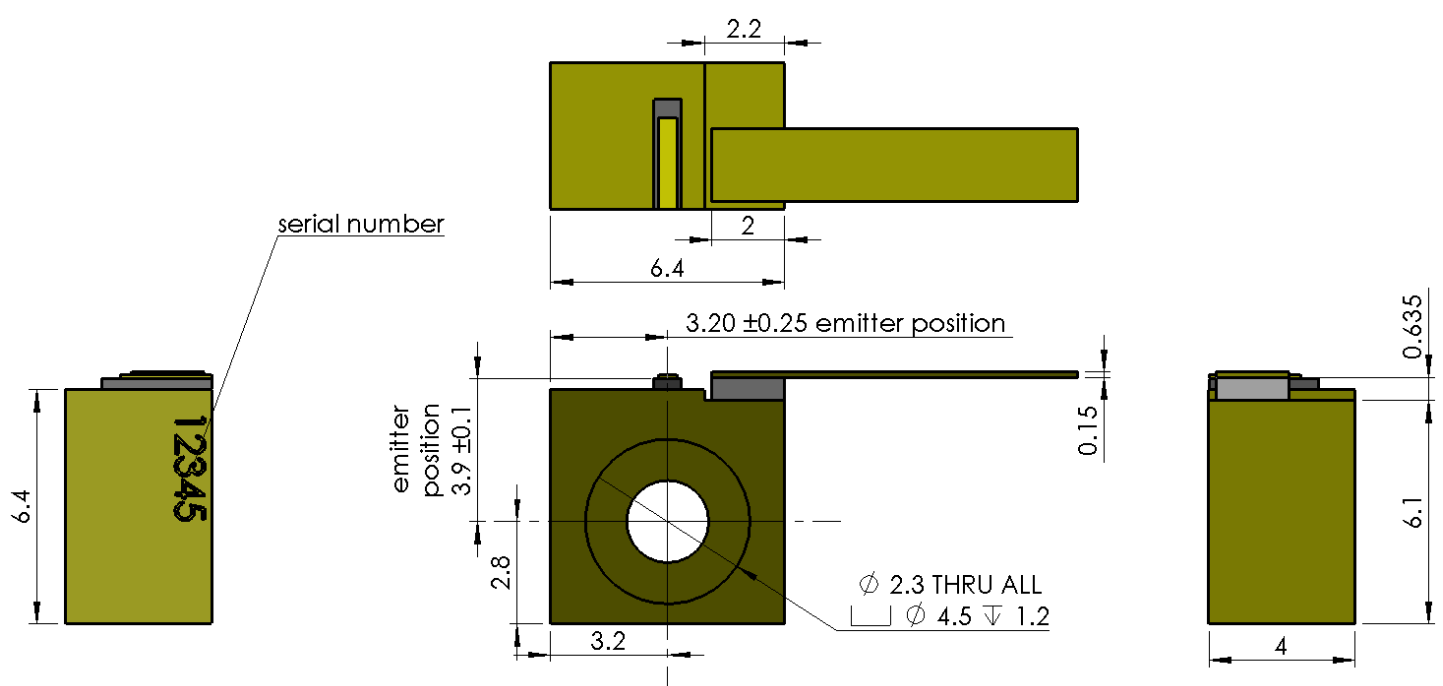


### Applications

- Nd:YAG Solid State Laser Pumping
- Medical
- Material Processing

### Specifications

Optical Parameters	Units	
Center Wavelength	nm	885
Wavelength Tolerance	nm	±10
Spectral Width (FWHM)	nm	3.0
Wavelength Temp. Coefficient	nm/°C	0.3
Output Power	W	5
Operating Current	A	4.6
Operating Voltage	V	<2.1
Threshold Current	mA	350
Emitter width	µm	150
Beam divergence fast axis, FWHM	degrees	44
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

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