

## HIGH POWER DIODE LASER ON C-MOUNT

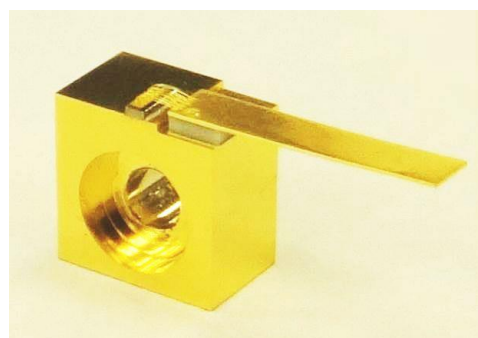
**1940 NM, 300 MW**

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

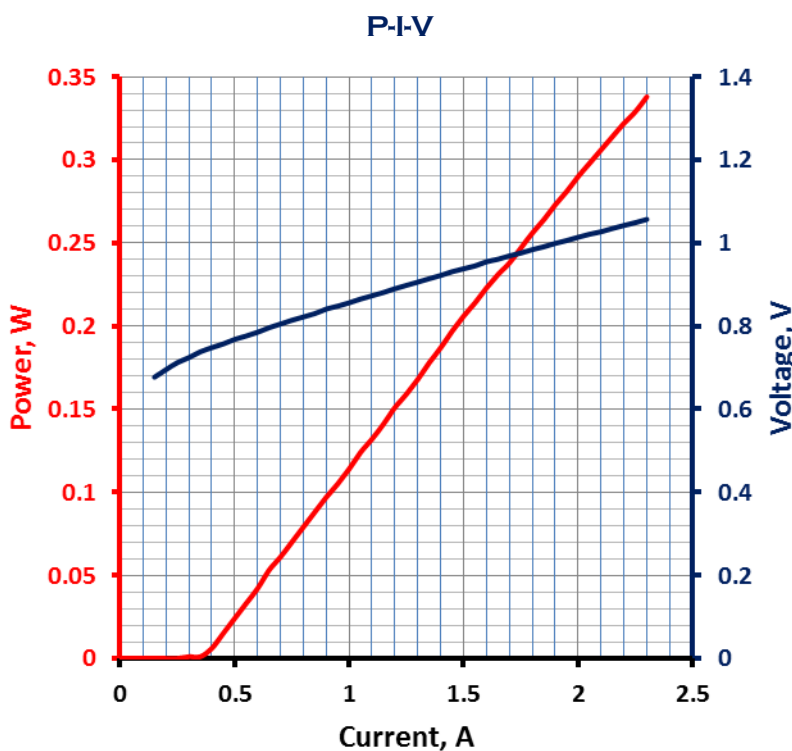
- Medical
- Research
- Infrared illumination



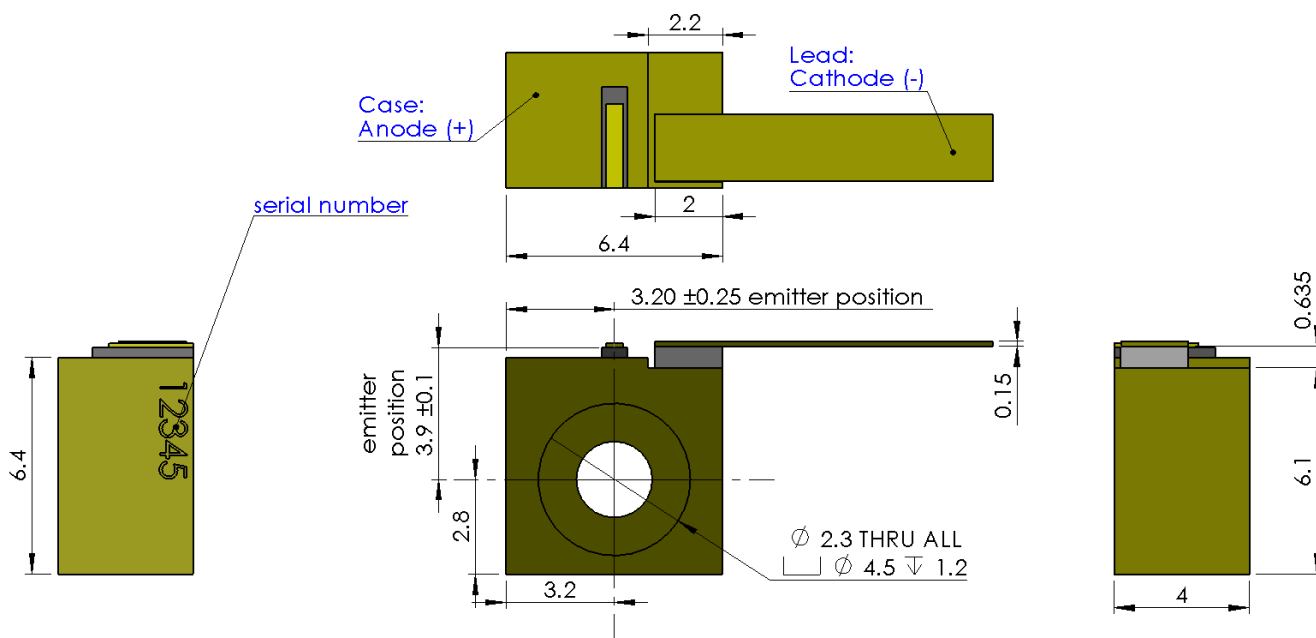
P/N: ALC-1940-00300-CMT-100

### SPECIFICATIONS

Parameters	Unit	Value
Center Wavelength	nm	1940
Wavelength Tolerance	nm	±20
Spectral Width	nm	<25
Power	W	0.2
Threshold current	A	0.4
Operating Current	A	2.1
Operating Voltage	V	1.05
Operating temperature	°C	20
Wavelength-temperature coefficient	nm/°C	0.7
Emitter width	µm	100
Beam divergence fast axis FWHM, vertical	deg	40
Beam FWHM, horizontal	deg	13



### MECHANICAL DRAWINGS



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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