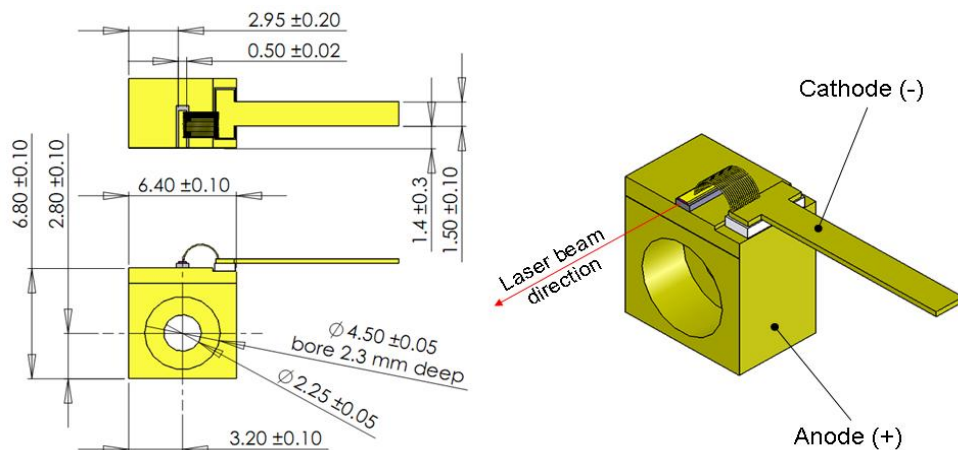


## Laser Diode on C-mount

1300 nm / 1310 nm / 1320 nm / 1350 nm / 1370 nm / 1380 nm

AKELA Part Number: ALC-13xx-04500-CB100 (rev. 07/12)

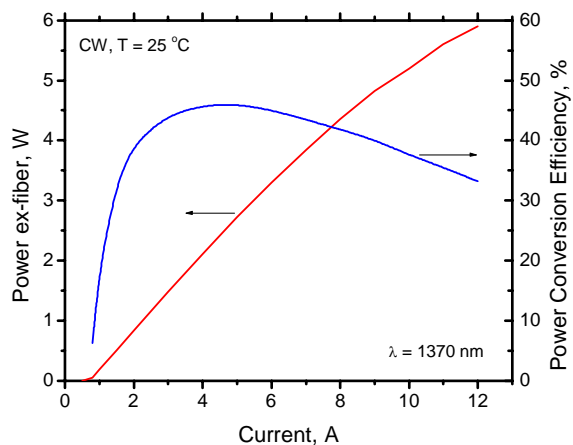
### The package



The C-mount is an ideal component for quick prototyping and laboratory setups. However, the maximum output power is typically limited by the sub-optimal heat dissipation properties of the C-mount itself. Please contact us to discuss the best package option for your application.

### Typical performance characteristics

Parameter	Value	Unit
Operating output power	4.5	W
Operating current	9	A
Maximum current	10	A
Threshold current	0.7	A
Maximum voltage	<1.5	V
Power conversion	>40	%
Slope efficiency	0.6	W/A
Wavelength tolerance	±10, ±20	nm
Spectrum width (FWHM)	<8	nm
Operating temperature	25	°C
Emitter width	100	μm
Divergence, fast axis	FWHM 34	Degrees
Divergence, slow axis	FWHM 8	Degrees



Please contact us to discuss possible custom designs of this product to better fit your requirements.

Specifications are subject to change without notice.

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 to a customer.