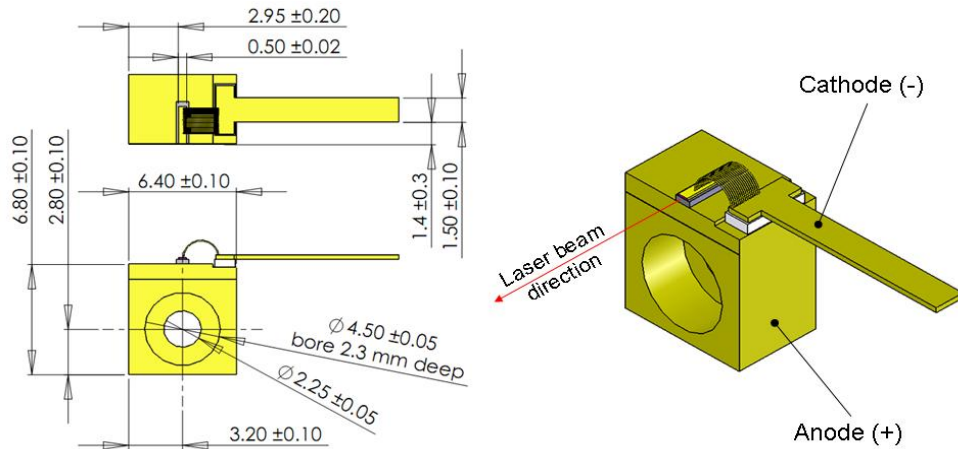


Laser Diode on C-mount

1700 nm / 1710 nm / 1715 nm / 1720 nm / 1750 nm / 1790 nm

AKELA Part Number: ALC-17xx-02000-CB125 (rev. 07/12)

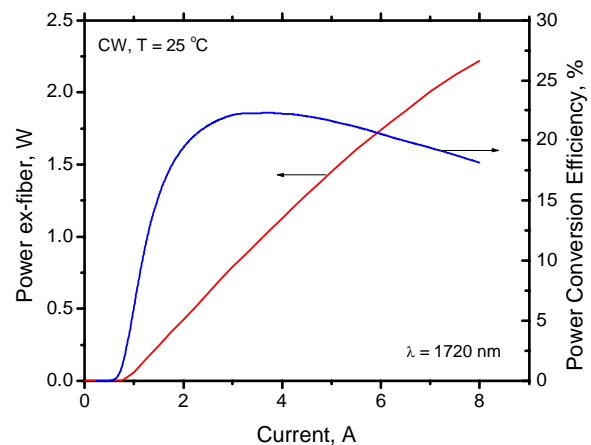
The package



The C-mount is an ideal component for quick prototyping and laboratory setups. However, the maximum output power is typically limited by the inherently 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	2.0	W
Operating current	7	A
Maximum current	9	A
Threshold current	1.0	A
Maximum voltage	<1.4	V
Power conversion	>18	%
Slope efficiency	0.36	W/A
Wavelength tolerance	±10, ±20	nm
Spectrum width (FWHM)	<12	nm
Operating temperature	25	°C
Emitter width	125	µm
Divergence, fast axis	FWHM 35	Degrees
Divergence, slow axis	FWHM 11	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.