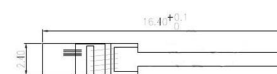
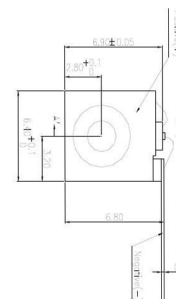




Output Power: 5000mW (CW)
Efficient Quantum Well Structure
Standard C-Mount Package



(Unit: mm)

(T_c=25°C)

Item	Symbol	Absolute Maximum Ratings	Unit
Optical Output Power	Po	5000	mW
LD Reverse Voltage	Vr (LD)	2.5	V
Storage Temperature	Tstg	-20-80	°C
Operating Case Temperature	Tc	15~30	°C

(T_c=25°C)

Item	Symbol	Typ.	Unit
Optical Output	Po	5000	mW
Peak Wavelength*	λ_p	808±3	nm
Threshold Current	I _{th}	0.8	A
Operating Current	I _{op}	5.2	A
Slope Efficiency	η	≥1.2	W/A
Operating Voltage	V _{op}	1.75	V
Horizontal Beam Divergence	$\theta_{//}$	8	deg.
Vertical Beam Divergence	$\theta_{\perp}$	36	deg.
Polarization		TE	

All figures in this specification are measured by CNI's method and may contain measurement deviations

The above specifications are for reference purpose only and subjected to change without prior notice.



Changchun New Industries Optoelectronics Tech. Co., Ltd
<http://www.cnilaser.com>

◆ CONTACT

No.888, Jinhu Road, High-tech zone,
Changchun 130103, China

Phone: 0086-431-87033597

Fax: 0086-431-87033597