



C-mount laser diode LDBN-808-10W-C

Parameters

Optical	Typical value
Center Wavelength	808nm
Wavelength Tolerance	±5nm
Output power	10W
Spectral Width FWHM	2.5nm
Polarization Mode	TE
Slope Efficiency	1.1W/A

Electrical	Typical Value
Operating Current Iop	10A
Threshold Current Ith	1.5A
Operating Voltage Vop	2V
Power Conversion Efficiency	50%

Thermal	Typical value
Operating Temperature	+15~+35°C
Storage Temperature	-40~+80°C
Wavelength Temperature Coefficient	~0.3nm/°C

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Package Drawing

