

2W 665nm Red Light Single Emitter Diode Laser Chip

BrandNew supply 2W 665nm Red Light Diode Laser Chip, this single emitter laser chip have red light source, can be widely used in many fields, such as laser marking, laser cutting, industry use and so on. And we also have other power and wavelength, customized service can meet customer needs.

Feature

Red light diode laser chip
2w output power at 665nm center wavelength
CW working mode
TM polarization Mode

Application

Laser light source
Industry Use
Medical use
Defense and security



Date sheet

Item No.: LC665SE2

Item Name: 2W 665nm Red Light Single Emitter Diode Laser Chip

Optical	Typ
Central Wavelength	665nm
Output Power	2W
Working Mode	CW
Spectrum Width	3nm
Emitter Width	110um
Cavity Width	300um
Cavity Length	1500um
Thickness	150um
Fast Axis Divergence(FWHM)	35deg
Slow Axis Divergence (FWHM)	10deg
Polarization Mode	TE
Slope Efficiency	1.1W/A
Electrical	
Operating Current Iop	2.5A
Threshold Current Ith	0.6A
Operating Voltage Vop	2.2V
Conversion Efficiency	30%
Thermal	
Operating Temperature	25°C
Wavelength Temperature Coefficient	0.25nm/°C

LIV Chart

