

# 1W 2W 1550nm Unmounted Diode Laser Bar Chips

## Featured characteristics:

Single Emitter Laser Chip  
High power and high beam intensity IR laser radiation  
Narrow line width of  $1550\pm 10\text{nm}$   
Low beam divergence and small light emitting aperture  
Stable and reliable performance

## Application:

Lidar, Autonomous Driving Lidar, Wind Sensing Lidar, Fiber Laser Seeding



## Data sheet

Item No: LC1550SE1

Item Name: 1W 2W 1550nm Unmounted Diode Laser Bar Chips

### Optical

Center Wavelength	1550nm
Output Power	1.5W
Fast-Axis Divergence	32Deg
Slow-Axis Divergence	12Deg
Working Mode	CW

### Electrical

Operating Current Iop	4A
Threshold Current Ith	0.5A
Operating Voltage Vop	1.6V

### Thermal

Operating Temperature	25°C
Storage Temperature	-30~70°C

