

# 20W 940nm Single Emitter Laser Chip

Low MOQ: 10pcs  
High quality  
In stock and fast delivery

## Application:

Industry: Semiconductors for high-power diode lasers in direct material processing, for heating or lighting. Semiconductors as pumping sources for fiber and solid-state lasers.  
Use in printing technology.  
Medicine: Esthetics, dermatology and surgery.



## Data Sheet

Item No: LC940SE20  
Item Name:20W 940nm Single Emitter Laser Chip

### Optical

Center Wavelength	940nm
Output Power	20W
Operation Mode	CW
Spectral Width FWHM	5nm
Emitter width	95um
Cavity Width	390-410um
Cavity Thickness	95-120um
Cavity Length	3990-4010um
Polarization Mode	TE
Slope Efficiency	0.95W/A

### Electrical

Operating Current	10.8-12A
Threshold Current	0.7-1.0A
Operating Voltage	1.75-1.95V

### Thermal

Operating Temperature	25°C
Wavelength Temp. Coefficient	0.3nm/°C