

10W 940nm Single Emitter Laser Chip

Main Features:

Wavelength: 940nm
CW working mode
Single emitter bar chip

BrandNew Laser Chip:

- 1.Unmounted Single emitter laser chip from 500mW~75W (638nm、755nm、808nm、880nm、905nm、9xxnm、1064nm、1470nm、1550nm)
- 2.Unmounted Single Bar from 40W~1000W (780nm、808nm、880nm、940nm、976nm、1470nm、1550nm)
3. Mounted Chip: COS(chip on submount),TO,C-MOUNT,F-MOUNT

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.: LC940SE10

Item Name: 10W 940nm Single Emitter Laser

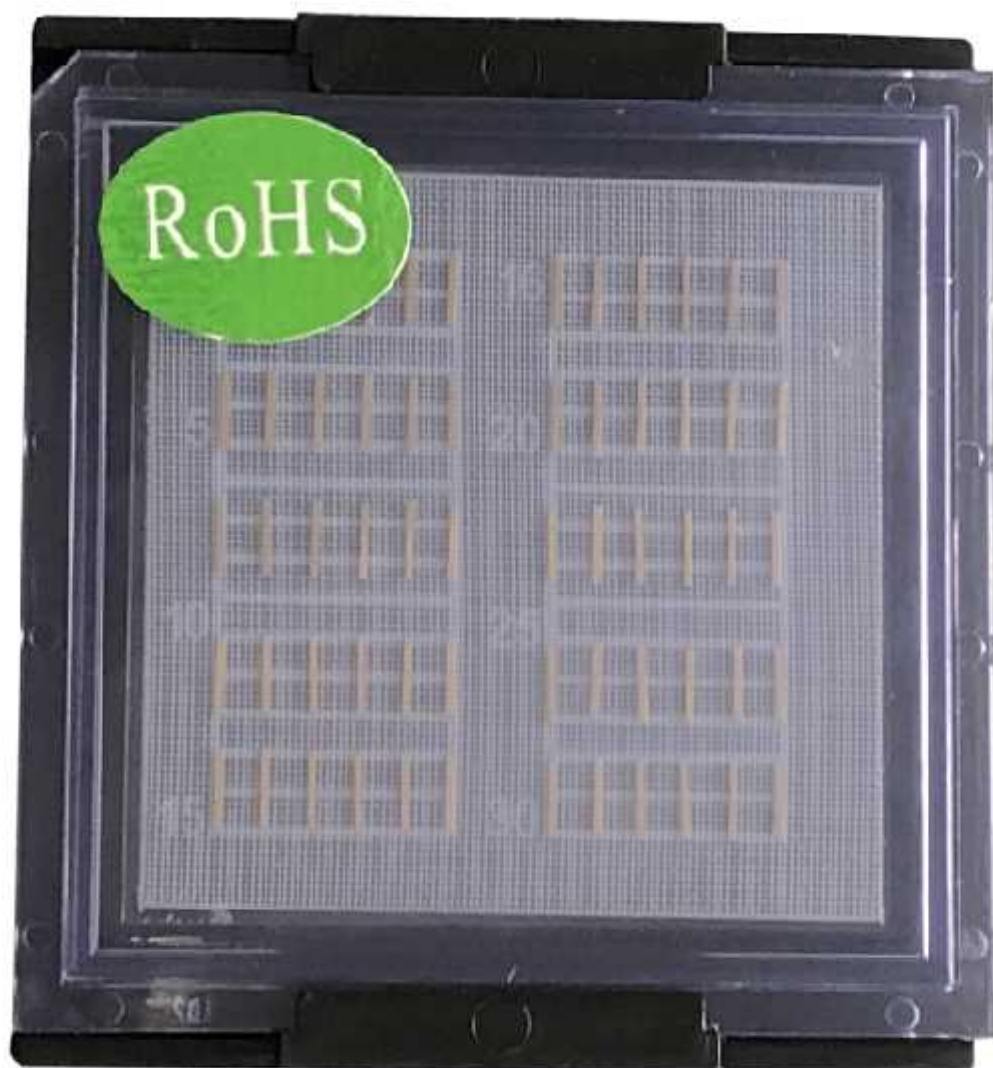
Optical		Typ
Central Wavelength		940nm
Output Power		10~12W
Working Mode		CW
Spectral Width FWHM		5nm
Emitter Width		95μm
Cavity Width		390~410um
Cavity Thickness		95~120um
Cavity Length		3990~4010um
Fast Axis Divergence(FWHM)		29Deg
Slow Axis Divergence (FWHM)		9Deg
Spectral Width FWHM		4nm
Polarization Mode		TE
Slope Efficiency		0.95W/A
Electrical		
Operating Current Iop		13~14.5A
Threshold Current Ith		0.7~1.0A
Operating Voltage Vop		1.75~1.95V
Thermal		
Operating Temperature		25°C
Wavelength Temperature Coefficient		0.3nm/°C

Order Procedure:

1. Contact us for more details by email
2. We send PI to you for payment, payment term is T/T or Western Union
3. Once payment is done, we will arrange production
4. Delivery time is 1-4 weeks depends on different order qty and request.
5. After delivery, we will send you DHL UPS FedEx TNT tracking no
6. Quality warranty is 18 months

Remarks:

Other models are available upon your choices,pls contact us freely



PIV Chart

