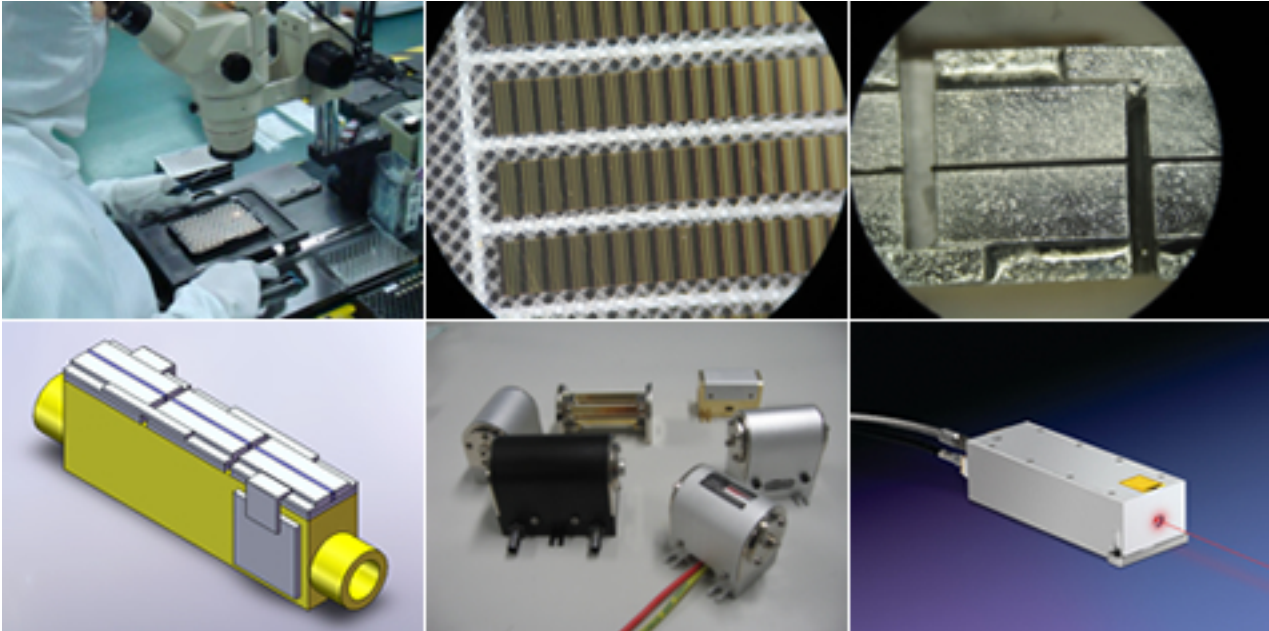


Product Release, Oct 6th, 2008



Sino-Laser (Beijing) Inc, is a young laser research lab established in 2007. Our main job is high power diode laser research & high power DPSS laser system design for economic industrial applications. Our solutions offer a competitive advantage in performance, reliability and efficiency.

Sino-Laser (Beijing) Inc. has a facility of 5,000 square feet of class 10K clean room & class 100 local clean zone (according to Federal Standards 209E). Sino-Laser has full product lines of GaAs wafer processing (still being prepared), chemical processing, dielectric coating, GaAs cleaving, laser diode mounting, diode & DPSS laser testing & integrating and etc.

Sino-Laser was founded by former senior engineers & researchers from US diode laser manufacturers & academy institutes. With China advantages of human resources and strict manufacture management, Sino-Laser is pleased to offer a wide range of diode laser & DPSS laser products to global users with stable quality & competitive price.

Contacts

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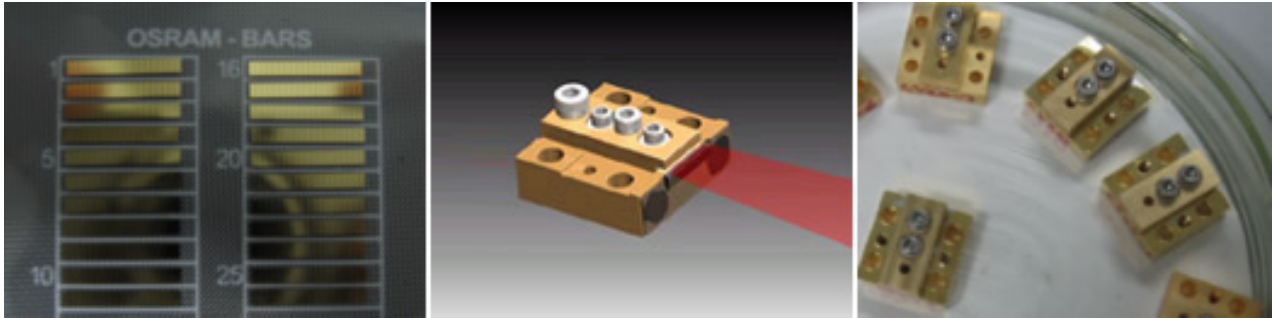
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CS-Mount Laser Diode Bar (Array) Specifications


Module No.	CS20	CS20-M	CS30-M	CS40	CS60	CS100-Q	Unit
Max Rated Power	20	20	30	40	60	100	W
Typical Wavelength	808 / 880 / 915 / 940 / 976 / 980					808	nm
Working Mode	CW	CW	CW	CW	CW	QCW	-
Bar Width	10	5	5	10	10	10	mm
Max Duty Cycle	CW					≤25%	-
Max Pulse Width	CW					≤300us	-
Typical Operating Current	25	20	35	40	70	110	A
Typical Operating Voltage	<1.8						V
Wavelength / Temperature	0.3						nm/°
Threshold Current	≈5	≈5	≈6	≈8	≈12	≈10	A
Slope Efficiency	>1.0						W/A
Slow Axis Divergence (θ)	8						°
Fast Axis Divergence (θ _⊥)	35						°

1. The wavelength is tested with Tc=25 Deg.C.
2. The delivery wavelength accuracy is +/-3nm according to typical wavelength.
3. The heatsink can be customized according to specific requirements.
4. The bare bars are imported from diode bar suppliers from US or Germany.

Regular CS-Mount Heatsink Dimensions (can be customized).

