

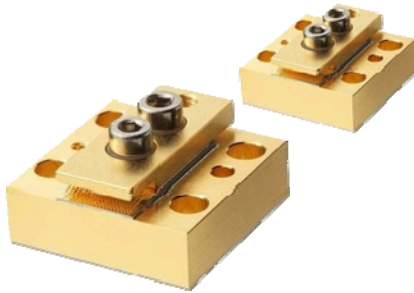
808nm~810nm 20W Laser Diode Bar | Hard Solder Conduction Cooled Package Diode Laser Bar

808nm 20W CS-mount Single Bar |Laser Array| Hair Removal| Skin Whitening| Laser Pumping|

WSLBR-808-20-CS

Wavespectrum Laser Group

www.wavespectrum-laser.com.cn

808nm Laser Diode Bar 20W		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+15 ~ +25	°C
Storage Temperature	T_{stg}	-20 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 808nm - Laser Diode Bar - CW Mode - CS-mount - Hard Solder Conduction Cooled Package Applications: - Medical Laser Treatment - Laser Pumping - Others			
Specifications		WSLBR-808-20-CS	
	Min	Type	Max
Center Wavelength@25°C	----	808±3nm	----
Spectral Width (FWHM)		3nm	
Output Power	----	20W	----
Emitter Number		19	
Emitter Size		10mm	
Beam Divergence (FWHM)	----	35° _⊥ x 10° _{//}	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Threshold Current (Typ.)	----	5A	8A
Operating Current (Typ.)	----	20A	22A
Operating Voltage	----	1.9V	2.0V
Slope Efficiency	1.3W/A	----	----
Power Conversion Efficiency		48%	
Package Style	CS-mount		
Recommended Operating Temperature	20°C		



