

808 nm laser diode

220 W / 200 μm fiber*

Reference: 808LD-6-0-0

Technology : Multiple emitters Multimode

SPECIFICATIONS	Unit	Min	Typ	Maximum
Optical parameters				
Output Power	W	220		
Center Wavelength	nm	801	808	815
Spectral Width (FWHM)	nm		4.5	5.0
Threshold Current	A		1.5	2.0
Operating Current	A		11.5	12.0
Operation Voltage	V		44.0	46.0
Conversion Efficiency	%		40	
95% power with NA	NA		0.18	
Wavelength shift w Temperature	nm/°C		0.35	
Slope Efficiency	W/A		18	
Storage Temperature	°C	-30		70
Case Operating Temperature	°C	15	25	45
Fiber Buffer/tube Diameter	μm		320/900	
Fiber Clad Diameter	μm		220*	
Fiber Core Diameter	μm		200*	
Numerical Aperture	NA		0.22	
Fiber length	M		1.5	
Soldering Temperature	°C			260
Soldering time	s			10
Fiber connector	Option (SMA-2 HIGH POWER)			
ROHS Compliant	Yes			
Please solder the pins when the level of current is over 6A				

Form factor:

