

888nm High power laser

(Part Number: EEL-888-15W-MM-BC)

Applications:

1. Mid-infrared fiber laser pumping;
2. Industrial processes;
3. laser radar.

Features:

1. High output power;
2. 100 μm emitter width;
3. High photoelectric conversion efficiency.

Specification:

ELECTRO-OPTICAL CHARACTERISTICS				
PARAMETER	MIN	TYP	MAX	TEST CONITIONS
Emission Wavelength (nm)		888		Vacuum
Chip Temperature (°C)	10	25	60	adjusted by TEC
Threshold Current (A)	0.9	1	1.2	
Output Power (W)	13	15	18	@13A
Differential Series Resistance (Ω)		30		
Wavelength Tuning Over Temperature (nm/°C)		0.3		
Operating Voltage (V)		1.8		
Polarization Extinction Ratio (dB)		18		
Spectral Bandwidth (nm)	1.2	2	3	
Thermal Parameters				
Storage Temperature Range (°C)	25		60	
Package				
Package Type	Bare Chip			

Pictures:

