

885nm Single Mode EEL

(Part Number: EEL-885-1W-SM-BC)

Applications:

1. Solid state laser pumping;
2. Laser radar;

Features:

1. High single mode output power;
2. Single-transverse-mode and linear polarization;
3. Narrow linewidth (spectral width).

Specification:

ELECTRO-OPTICAL CHARACTERISTICS				
PARAMETER	MIN	TYP	MAX	TEST CONITIONS
Emission Wavelength (nm)		885		Vacuum
Chip Temperature (°C)	25		60	adjusted by TEC
Threshold Current (mA)	80	100	120	
Output Power (W)		1	1.2	@1.5A
Differential Series Resistance (Ω)		100		
Operating Voltage (V)		1.8		
Polarization Extinction Ratio (dB)		18		
Beam Divergence (°)		10		1/e ²
Spectral Bandwidth (nm)		1.5		
Thermal Parameters				
Storage Temperature Range (°C)	25		125	
Package				
Package Type	Bare Chip			

Pictures:

