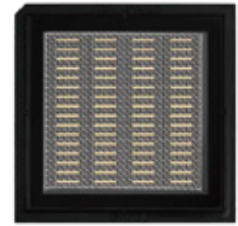


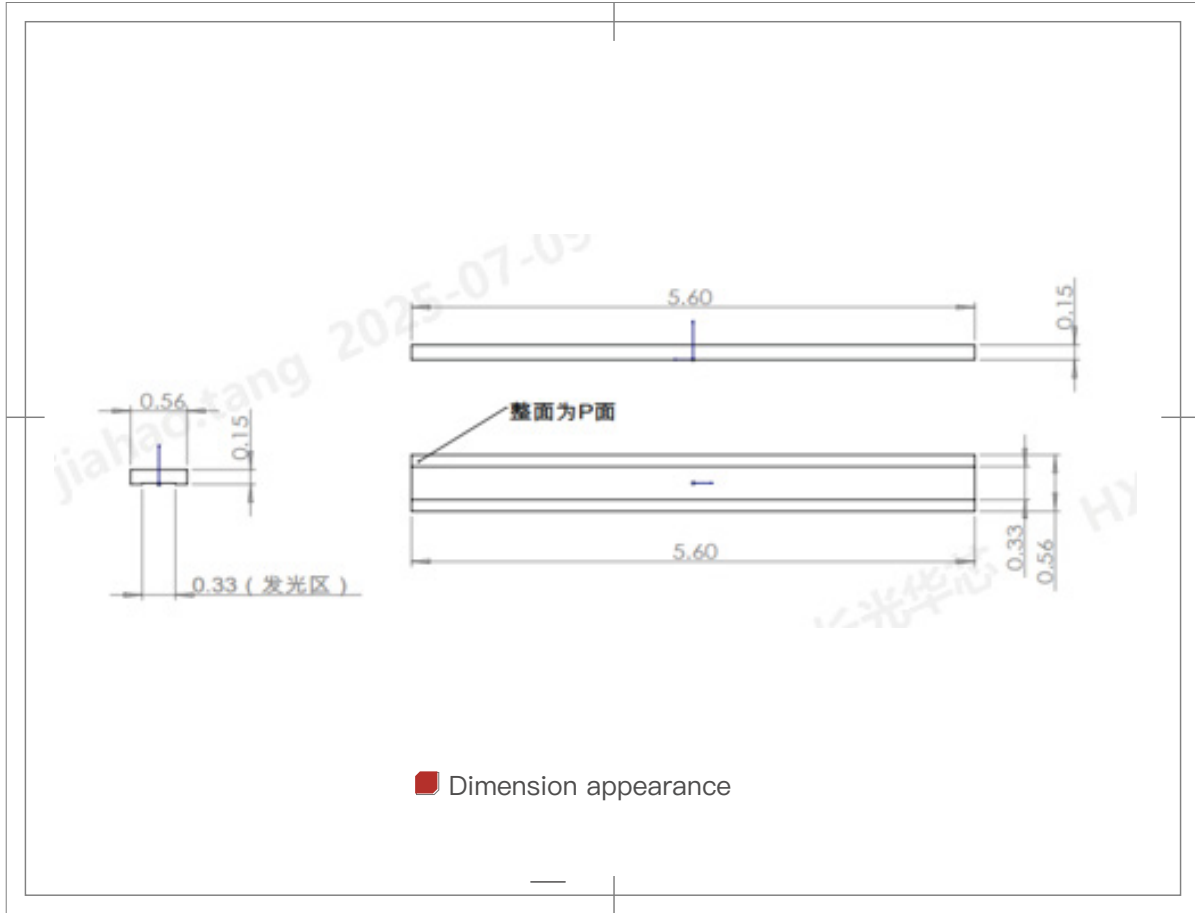
EB-BC-050-0915-10



	Unit	Min	Typ	Max
Optical				
Center Wavelength	nm	905	915	925
Wavelength Tolerance	nm		±10	
Output Power	W		50	
Operating Mode	-		CW	
Fast-axis Divergence	Deg		55	60
Slow-axis Divergence	Deg		10.5	
Spectral Width (FWHM)	nm	3	4	5
Wavelength Temperature Coefficient	nm / °C		0.3	
TE Polarization	%	95	97	
Electrical				
Power Conversion Efficiency	%		63	
Slope Efficiency	W / A		1.17	
Thershold Current	A		2.6	
Operating Current	A		50	
Operating Voltage	V		1.65	1.75
Geometric Size				
Emitter Width	um		330	
Cavity Length	mm		5.6	
Width	um		500	
Thickness	um	135	145	155

Remarks

- 1.Explanation of Item Number: EB (Everbright In Short) – BC (Bare Chip)–50 (Output Power) – 0915 (Center Wavelength)– 10 (Wavelength Tolerance)
- 2.Above Data Test at 25°C, Unless otherwise stated.
- 3.Please avoid operation and storage in the condensation enviroment. If exceed operating temperature, the device lifetime will be inpacted.
4. Lifetime reduced if exceed nominal output power.



Product Features

- High Reliability
- High Efficiency
- High Power

Application Area

- Industrial Pump
- Laser Equipment
- R&D
- Biomedical



SUZHOU EVERBRIGHT PHOTONICS CO., LTD

No.56, Lijiang Road, SND, Suzhou, China

www.everbrightphotonics.com Sales@everbrightphotonics.com +86-512-66896988

Notice: Everbright keep improving its products to provide our customers with outstanding quality and reliability. We may change the specification and product description without notice at any time. For complete details, please contact Everbright sales representative.

