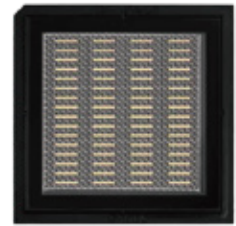
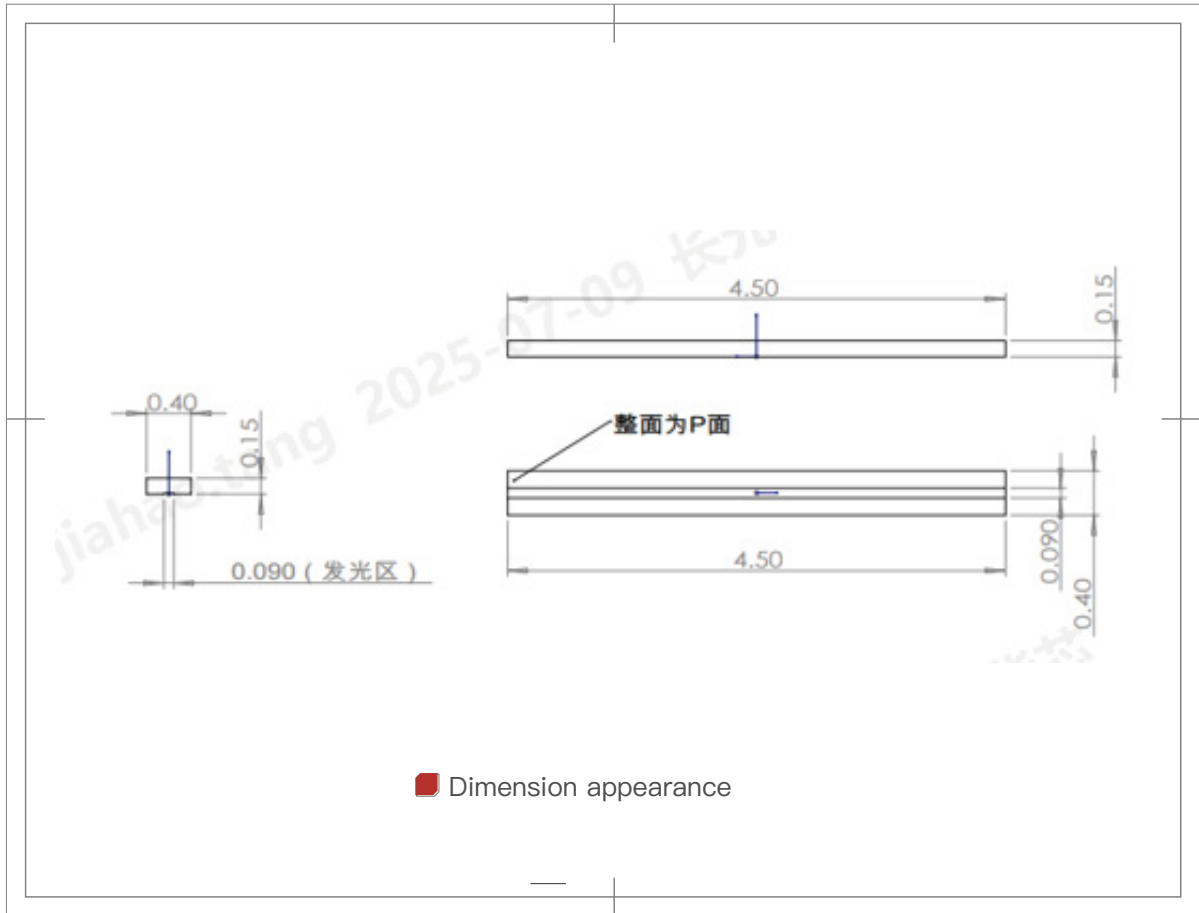


EB-BC-012-0915-10



	Unit	Min	Typ	Max
Optical				
Center Wavelength	nm	905	915	925
Wavelength Tolerance	nm		±10	
Output Power	W		12	
Operating Mode	-		CW	
Fast-axis Divergence	Deg		55	60
Slow-axis Divergence	Deg		9	
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	
Threshold Current	A		0.6	
Operating Current	A		11	
Operating Voltage	V		1.65	1.75
Geometric Size				
Emitter Width	um		90	
Cavity Length	mm		4.5	
Width	um		400	
Thickness	um	135	145	155
Remarks				

- 1.Explanation of Item Number: EB (Everbright In Short) – BC (Bare Chip) – 12 (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 inpaced.
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



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