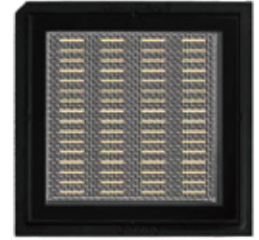


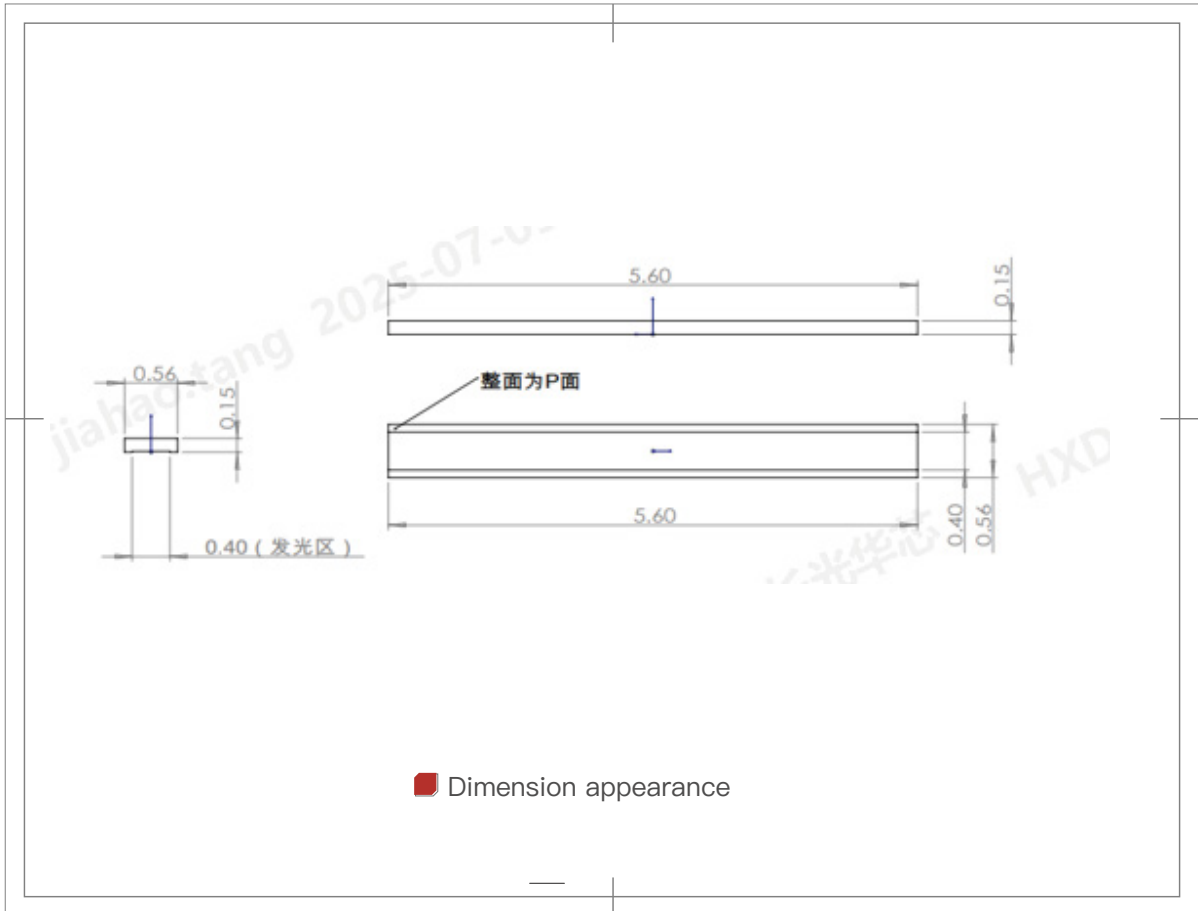
EB-BC-050-0976-03






	Unit	Min	Typ	Max
Optical				
Center Wavelength	nm	973	976	979
Wavelength Tolerance	nm		±3	
Output Power	W		50	
Operating Mode	-		CW	
Fast-axis Divergence	Deg		55	
Slow-axis Divergence	Deg		10.5	
Spectral Width (FWHM)	nm	3	4	5
Wavelength Temperature Coefficient	nm / °C		0.33	
TE Polarization	%	96	97	
Electrical				
Power Conversion Efficiency	%		62	
Slope Efficiency	W / A		1.10	
Thershold Current	A		2.8	
Operating Current	A		55	
Operating Voltage	V		1.55	1.6
Geometric Size				
Emitter Width	um		400	
Cavity Length	mm		5.6	
Width	um		560	
Thickness	um		145	

Remarks




- 1.Explanation of Item Number: EB (Everbright In Short) – BC (Bare Chip) –50 (Output Power) – 0976 (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



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