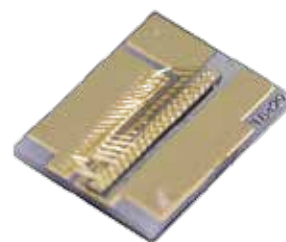


EB-COS-024-0976-03-044



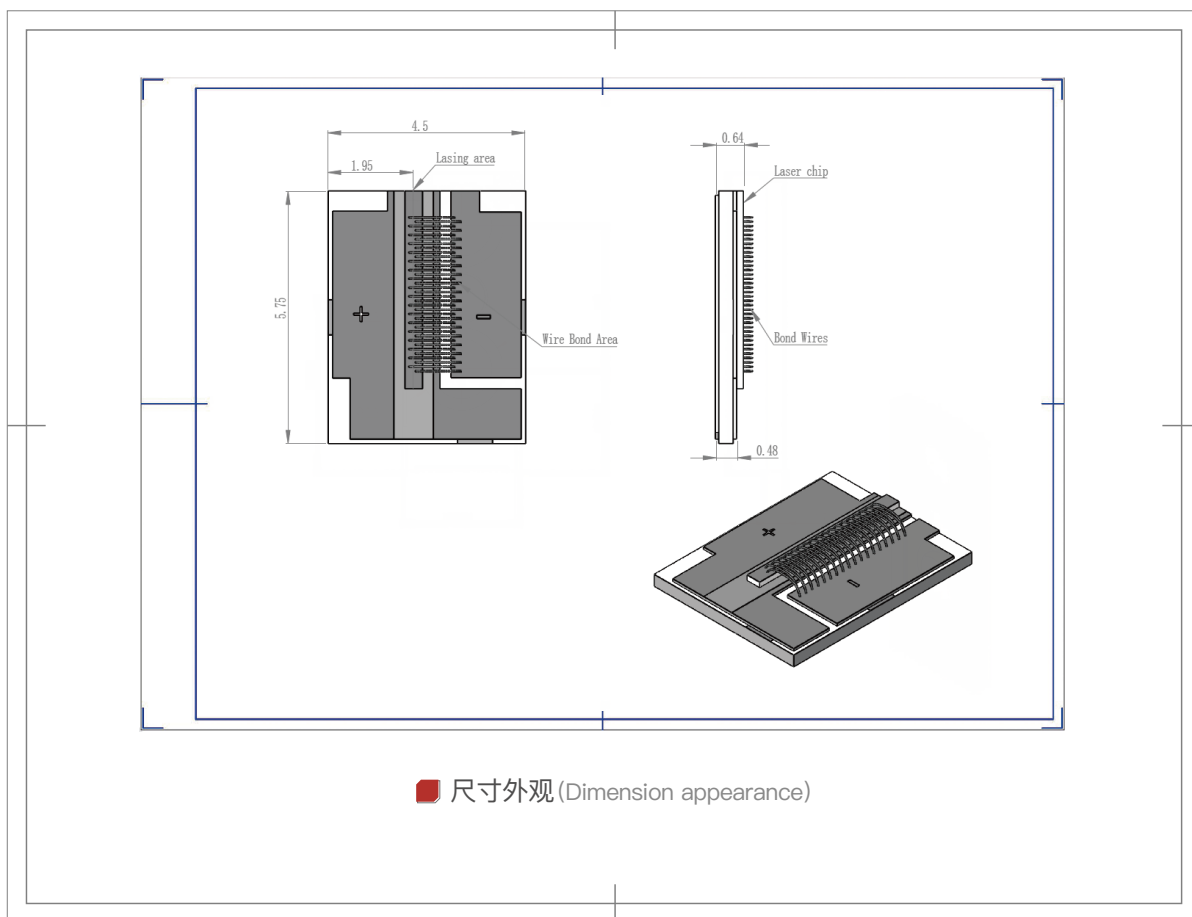
	单位 Unit	最小值 Min	典型值 Typ	最大值 Max
光学性能 /Optical				
中心波长 /Center Wavelength	nm	973	976	979
中心波长偏差 /Wavelength Tolerance	nm		±3	
输出功率 /Output Power	W		24	
工作模式 /Operating Mode	#		CW	
快轴发散角 (半高全宽)/Fast-axis Divergence	Deg		55	60
慢轴发散角 (半高全宽)/Slow-axis Divergence	Deg		9.5	12
光谱宽度 /Spectral Width (FWHM)	nm	3	4	5
波长温度系数 /Wavelength Temperature Coefficient	nm/°C		0.33	
偏振 /TE Polarization	%	95	97	
电学性能 /Electrical				
发光区宽度 /Emitter Width	μm		195	
腔长 /Cavity Length	mm		4.5	
宽度 /Width	μm		400	
厚度 /Thickness	μm	135	145	155
几何尺寸 /Geometric Size				
光电转换效率 /Power Conversion Efficiency	%	55	63	
斜率效率 /Slope Efficiency	W/A	1	1.1	
阈值电流 /Thershold Current	A		1.1	1.4
工作电流 /Operating Current	A		25	27
工作电压 /Operating Voltage	V		1.55	1.7
备注 /Remarks				

1.Explanation of Item Number: EB (Everbright In Short) - COS (COS Package)-024 (Output Power) - 0976 (Center Wavelength)- 03(Wavelength Tolerance)- 044(Structure number)

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.



尺寸外观 (Dimension appearance)

产品特点 / Product Features



高可靠性
High Reliability



高效率
High Efficiency



高功率
High Power



工业泵浦
Industrial Pump



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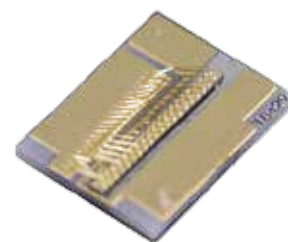


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EB-COS-028-0976-03-030



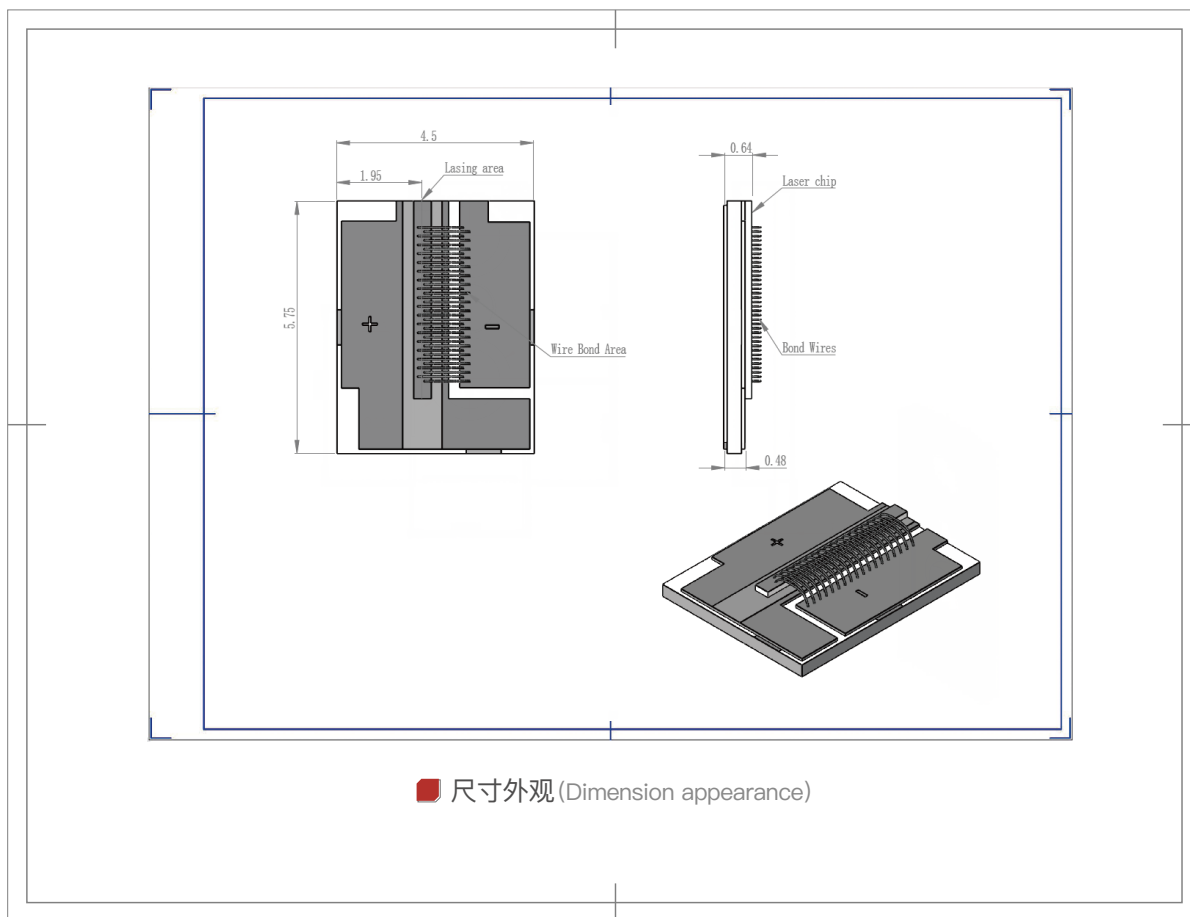
	单位 Unit	最小值 Min	典型值 Typ	最大值 Max
光学性能 /Optical				
中心波长 /Center Wavelength	nm	973	976	979
中心波长偏差 /Wavelength Tolerance	nm		±3	
输出功率 /Output Power	W		28	
工作模式 /Operating Mode	#		CW	
快轴发散角 (半高全宽)/Fast-axis Divergence	Deg		55	60
慢轴发散角 (半高全宽)/Slow-axis Divergence	Deg		9.5	12
光谱宽度 /Spectral Width (FWHM)	nm	3	4	5
波长温度系数 /Wavelength Temperature Coefficient	nm/°C		0.33	
偏振 /TE Polarization	%	95	97	
电学性能 /Electrical				
发光区宽度 /Emitter Width	μm		230	
腔长 /Cavity Length	mm		4.5	
宽度 /Width	μm		400	
厚度 /Thickness	μm	135	145	155
几何尺寸 /Geometric Size				
光电转换效率 /Power Conversion Efficiency	%	55	63	
斜率效率 /Slope Efficiency	W/A	1	1.1	
阈值电流 /Thershold Current	A		1.5	2
工作电流 /Operating Current	A		30	32
工作电压 /Operating Voltage	V		1.55	1.7
备注 /Remarks				

1.Explanation of Item Number: EB (Everbright In Short) - COS (COS Package)-028 (Output Power) - 0976 (Center Wavelength)- 03(Wavelength Tolerance)- 030 (Structure number)

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.



尺寸外观 (Dimension appearance)

产品特点 / Product Features



高可靠性
High Reliability



高效率
High Efficiency



高功率
High Power



工业泵浦
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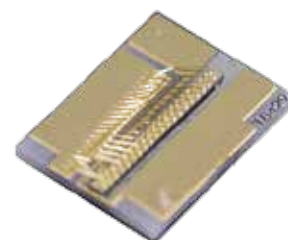


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EB-COS-035-0976-03-038



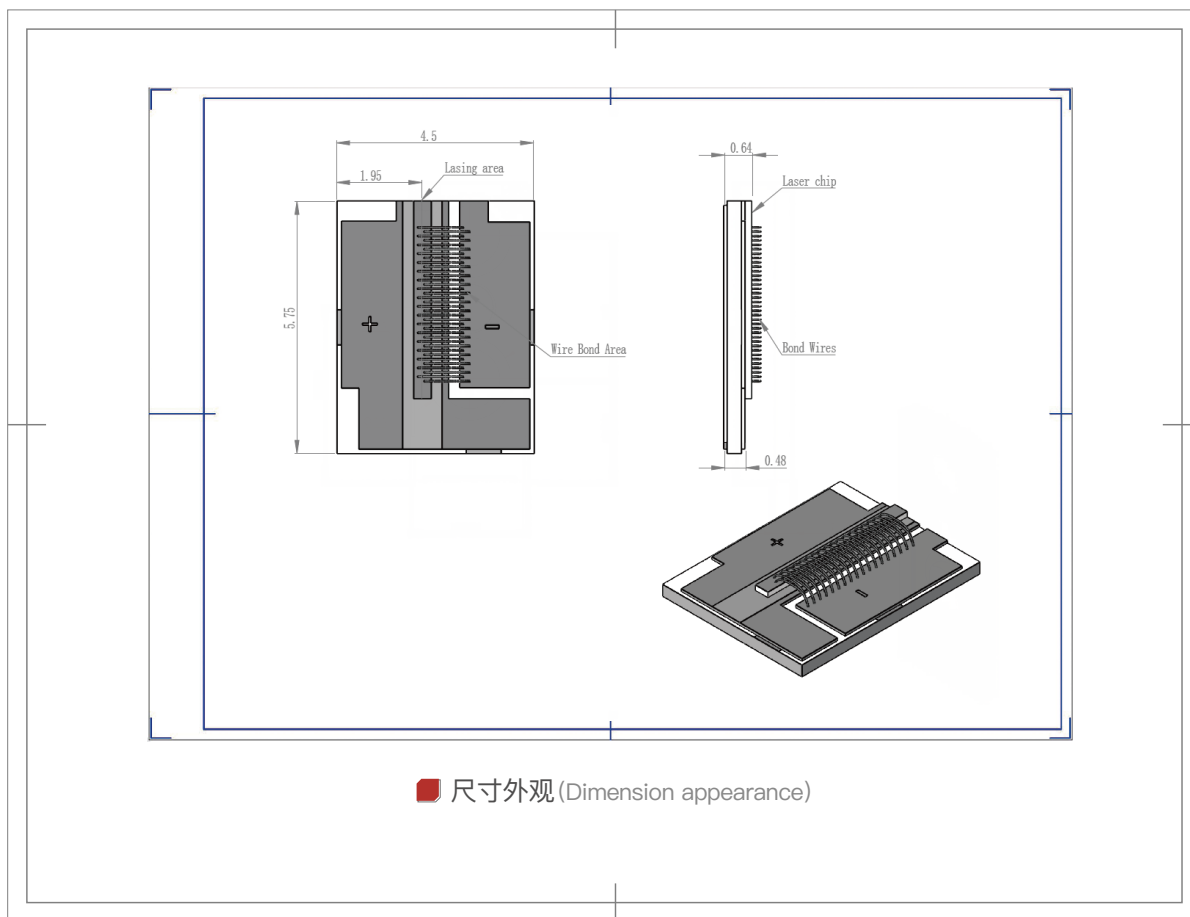
	单位 Unit	最小值 Min	典型值 Typ	最大值 Max
光学性能 /Optical				
中心波长 /Center Wavelength	nm	973	976	979
中心波长偏差 /Wavelength Tolerance	nm		±3	
输出功率 /Output Power	W	32.5	34	
工作模式 /Operating Mode	#		CW	
快轴发散角 (半高全宽)/Fast-axis Divergence	Deg		52	60
慢轴发散角 (半高全宽)/Slow-axis Divergence	Deg		10	12
光谱宽度 /Spectral Width (FWHM)	nm		4	5
波长温度系数 /Wavelength Temperature Coefficient	nm/°C		0.33	
偏振 /TE Polarization	%	96	97	
电学性能 /Electrical				
发光区宽度 /Emitter Width	μm	290	294	298
腔长 /Cavity Length	mm		4.5	
宽度 /Width	μm		500	
厚度 /Thickness	μm	135	145	155
几何尺寸 /Geometric Size				
光电转换效率 /Power Conversion Efficiency	%	58	62	
斜率效率 /Slope Efficiency	W/A	1.05	1.14	
阈值电流 /Thershold Current	A		1.5	2
工作电流 /Operating Current	A		35	39
工作电压 /Operating Voltage	V		1.58	1.7
备注 /Remarks				

1.Explanation of Item Number: EB (Everbright In Short) - COS (COS Package)-035 (Output Power) - 0976 (Center Wavelength)- 03 (Wavelength Tolerance)- 038 (Structure number)

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.



尺寸外观 (Dimension appearance)

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高效率
High Efficiency



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