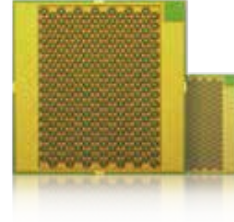
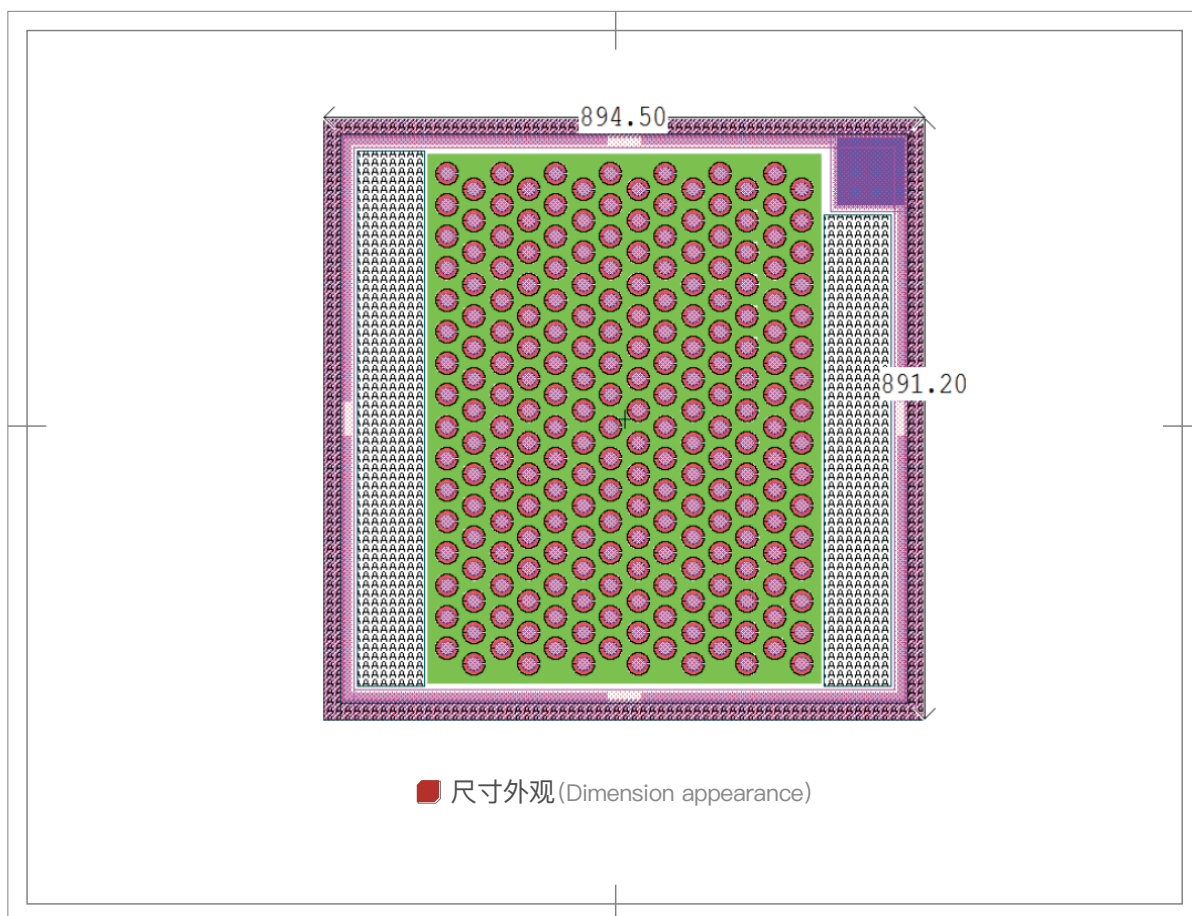


EB-VTOF-1-0808-06-001



	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	802	808	814
输出功率 (Output Power)	W	0.8	1	1.2
远场发散角 (Far Field Divergence Angle)	°	19.5	20.5	21.5
光谱宽度 (Spectral Width (FWHM))	nm	/	0.77	1.5
电学性能 /Electrical				
电光转换效率 (E-O Conversion Efficiency)	%	35	37	40
斜率效率 (Slope Efficiency)	W/A	0.8	0.93	1.1
阈值电流 (Threshold Current)	A	/	0.2	0.3
工作电流 (Operating Current)	A	/	1.3	1.5
工作电压 (Operating Voltage)	V	/	2.1	2.4
几何尺寸 /Geometric Size				
发光点数量 (Emitter Number)	#		224	
发光点排列方式 (Emitter Arrangement)	#		密排 / Dense	
阵列尺寸 (Array size)	μm ²		894*891	
其他 /Others				
环保属性 (Environmental Attributes)			RoHS2.0	
测试温度 (Test Temperature)	°C		25	
备注 /Remarks				

- 1.Explanation of Item Number: EB (Everbright In Short) - VTOF (Vcsel TOF In short)-1 (Output Power) - 0808 (Center Wavelength)- 06 (Wavelength Tolerance)- 001 (Structure number)
- 2.Above Data Test at 25°C, Unless otherwise stated.
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4. Lifetime reduced if exceed nominal output power.
- 5.Customers can customize wavelength, power, aperture, spacing, etc.



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产品特点 / Product Features



高可靠性
High Reliability



高效率
High Efficiency



机器视觉
Machine Vision



安防照明
Security Lighting



低发散角
Low Divergence Angle

应用领域 / Application Area



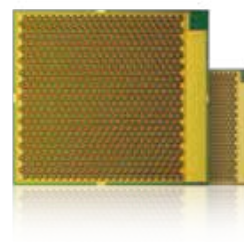
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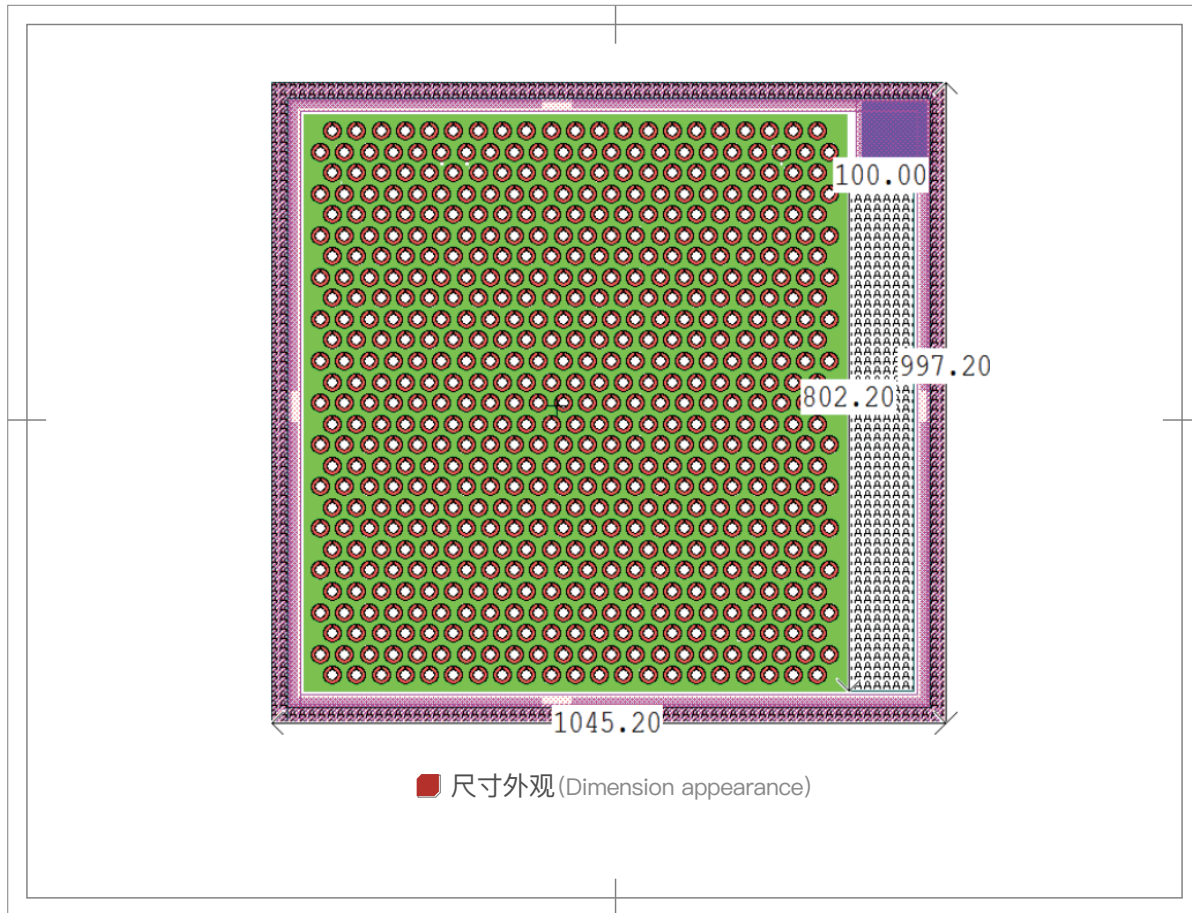




EB-VTOF-3-0808-06-001

	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	802	808	814
输出功率 (Output Power)	W	2.7	2.9	3.1
远场发散角 (Far Field Divergence Angle)	°	21	22	23
光谱宽度 (Spectral Width (FWHM))	nm	/	0.76	1.3
电学性能 /Electrical				
电光转换效率 (E-O Conversion Efficiency)	%	36	38	41
斜率效率 (Slope Efficiency)	W/A	0.8	1	1.1
阈值电流 (Threshold Current)	A	/	0.6	0.7
工作电流 (Operating Current)	A	/	3.5	3.7
工作电压 (Operating Voltage)	V	/	2.1	2.4
几何尺寸 /Geometric Size				
发光点数量 (Emitter Number)	#		580	
发光点排列方式 (Emitter Arrangement)	#		密排 / Dense	
阵列尺寸 (Array size)	μm ²		1045*997	
其他 /Others				
环保属性 (Environmental Attributes)			RoHS2.0	
测试温度 (Test Temperature)	°C		25	
备注 /Remarks				

- 1.Explanation of Item Number: EB (Everbright In Short) - VTOF (Vcsel TOF In short)-3 (Output Power) - 0808 (Center Wavelength)- 06 (Wavelength Tolerance)- 001 (Structure number)
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产品特点 / Product Features



应用领域 / Application Area

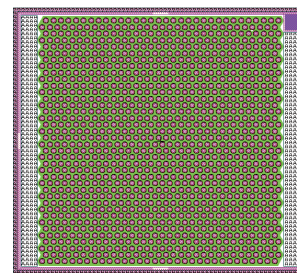


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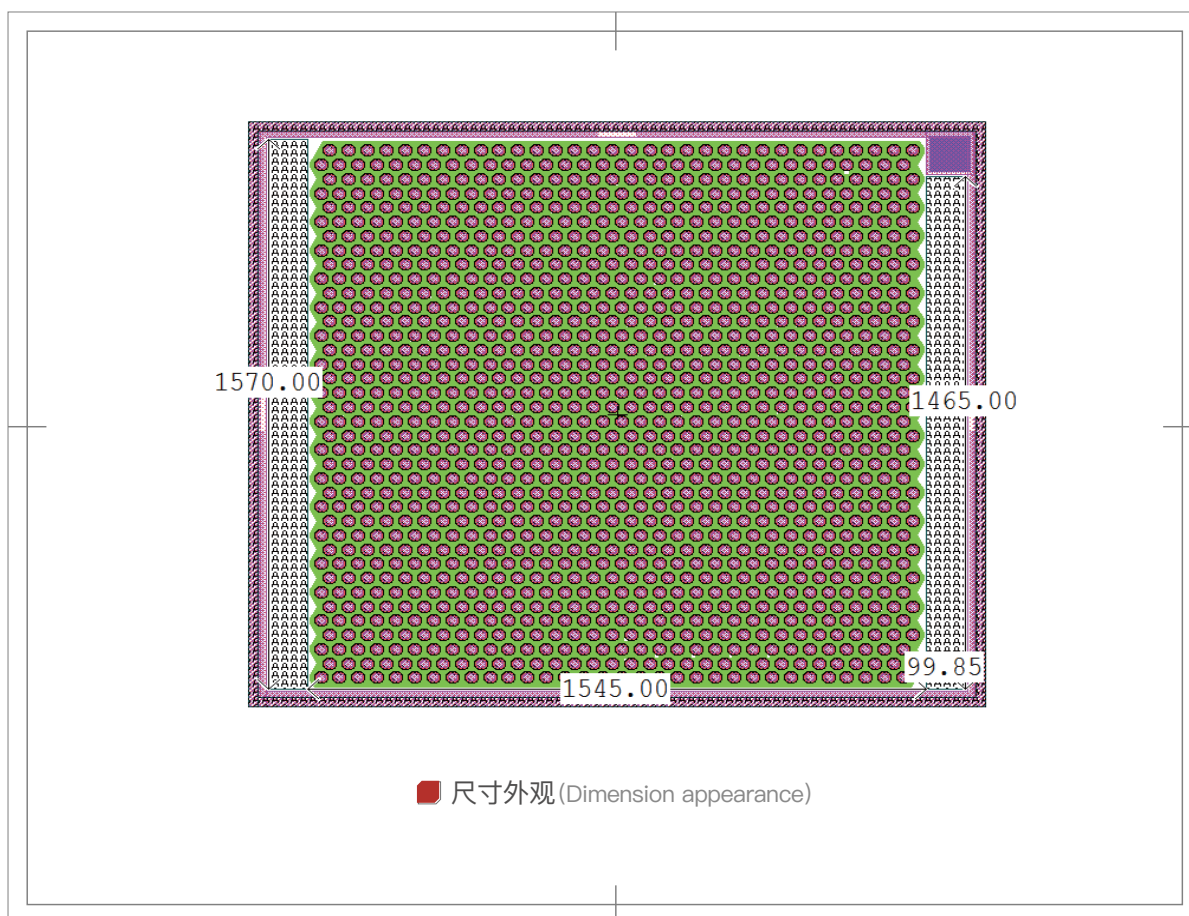


EB-VTOF-4-0850-06-001



	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	844	850	856
输出功率 (Output Power)	W	3	4.1	5
远场发散角 (Far Field Divergence Angle)	°	23	26	28
光谱宽度 (Spectral Width (FWHM))	nm	/	0.72	1.2
电学性能 /Electrical				
电光转换效率 (E-O Conversion Efficiency)	%	37	39	42
斜率效率 (Slope Efficiency)	W/A	0.8	1.0	1.1
阈值电流 (Threshold Current)	A	/	1.3	1.4
工作电流 (Operating Current)	A	4	5.3	6
工作电压 (Operating Voltage)	V	/	2	2.2
几何尺寸 /Geometric Size				
发光点数量 (Emitter Number)	#		1216	
发光点排列方式 (Emitter Arrangement)	#		密排 / Dense	
阵列尺寸 (Array size)	μm ²		1670*1844	
其他 /Others				
环保属性 (Environmental Attributes)			RoHS2.0	
测试温度 (Test Temperature)	°C		25	
备注 /Remarks				

- 1.Explanation of Item Number: EB (Everbright In Short) - VTOF (Vcsel TOF In short)—4 (Output Power) - 0850 (Center Wavelength)- 06(Wavelength Tolerance)- 001(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.
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产品特点 / Product Features



高可靠性
High Reliability



高可靠性
High Reliability



高效率
High Efficiency



大面阵
Large Area Array

应用领域 / Application Area



安防照明
Security Lighting

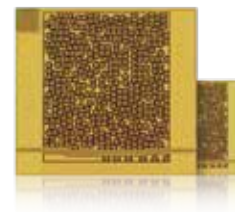


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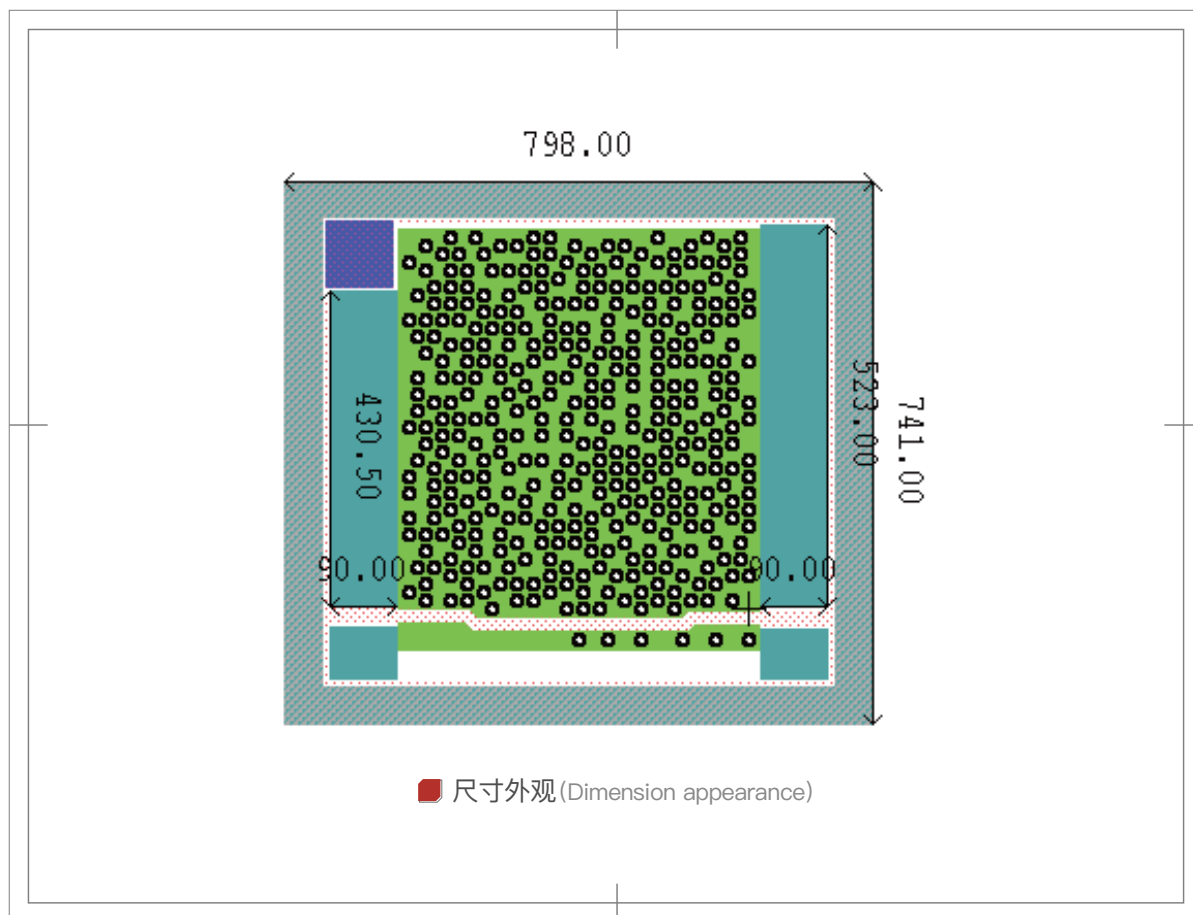


EB-VSL-1.5-0940-06-001



	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	934	942	946
输出功率 (Output Power)	W	/	1.6	1.8
远场发散角 (Far Field Divergence Angle)	°	20.2	21.2	22.2
光谱宽度 (Spectral Width (FWHM))	nm	/	1.8	2.3
电学性能 /Electrical				
电光转换效率 (E-O Conversion Efficiency)	%	42.1	43.1	46.1
斜率效率 (Slope Efficiency)	W/A	0.8	0.95	1.1
阈值电流 (Threshold Current)	A	/	0.18	0.28
工作电流 (Operating Current)	A	/	1.8	2
工作电压 (Operating Voltage)	V	/	2.0	2.4
几何尺寸 /Geometric Size				
发光点数量 (Emitter Number)	#		377	
发光点排列方式 (Emitter Arrangement)	#		随机 /Random	
阵列尺寸 (Array size)	μm ²		798*741	
其他 /Others				
环保属性 (Environmental Attributes)			Rohs2.0	
测试温度 (Test Temperature)	℃		25	
备注 /Remarks				

- 1.Explanation of Item Number: EB (Everbright In Short) - VSL (Vcsel Struct Light In short)-1.5 (Output Power) - 0940 (Center Wavelength)- 06 (Wavelength Tolerance)- 001 (Structure number)
- 2.Above Data Test at 25℃, Unless otherwise stated.
- 3.Please avoid operation and storage in the condensation enviroment. If exceed operating temperature, the device lifetime will be inpacted.
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产品特点 / Product Features



应用领域 / Application Area

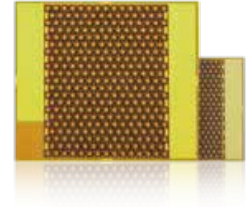


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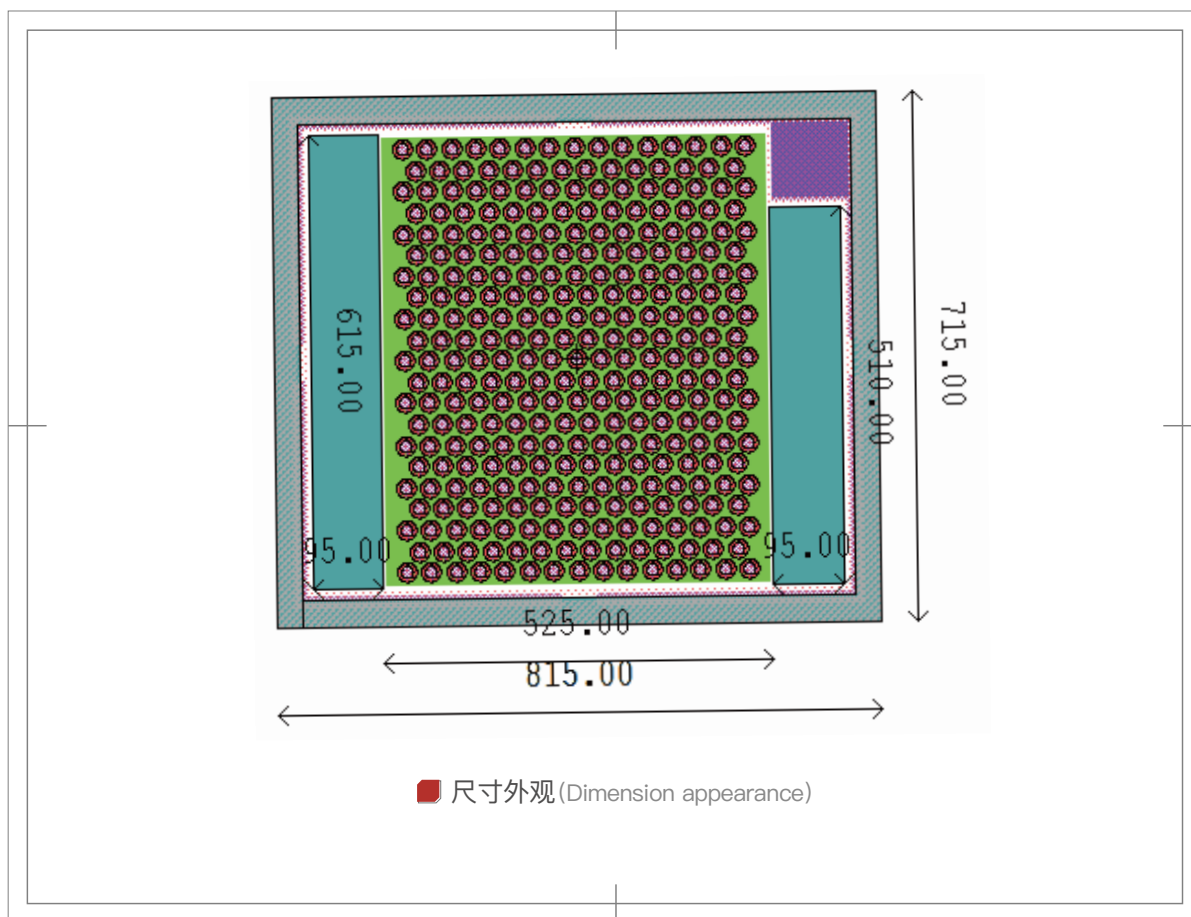


EB-VTOF-2-0940-06-001



	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	934	940	945
输出功率 (Output Power)	W	2.4	2.6	2.8
远场发散角 (Far Field Divergence Angle)	°	18.8	19.8	20.8
光谱宽度 (Spectral Width (FWHM))	nm	/	1.5	2
电学性能 /Electrical				
电光转换效率 (E–O Conversion Efficiency)	%	40	42	45
斜率效率 (Slope Efficiency)	W/A	0.8	1.05	1.1
阈值电流 (Threshold Current)	A	/	0.33	0.43
工作电流 (Operating Current)	A	/	2.8	3.0
工作电压 (Operating Voltage)	V	/	2.2	2.5
几何尺寸 /Geometric Size				
发光点数量 (Emitter Number)	#		305	
发光点排列方式 (Emitter Arrangement)	#		密排 / Dense	
阵列尺寸 (Array size)	μm ²		815*715	
其他 /Others				
环保属性 (Environmental Attributes)			RoHS2.0	
测试温度 (Test Temperature)	°C		25	
备注 /Remarks				

- 1.Explanation of Item Number: EB (Everbright In Short) - VTOF (Vcsel TOF In short)–2 (Output Power) - 0940 (Center Wavelength)- 06 (Wavelength Tolerance) - 001 (Structure number)
- 2.Above Data Test at 25°C, Unless otherwise stated.
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产品特点 / Product Features


高可靠性
High Reliability

高效率
High Efficiency

低发散角
Low Divergence Angle

应用领域 / Application Area


手势识别
Gesture Recognition

人脸识别
Face Recognition

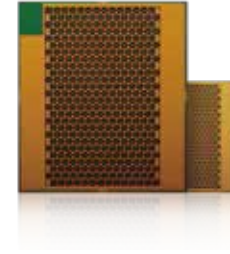
激光加热
Laser Heating


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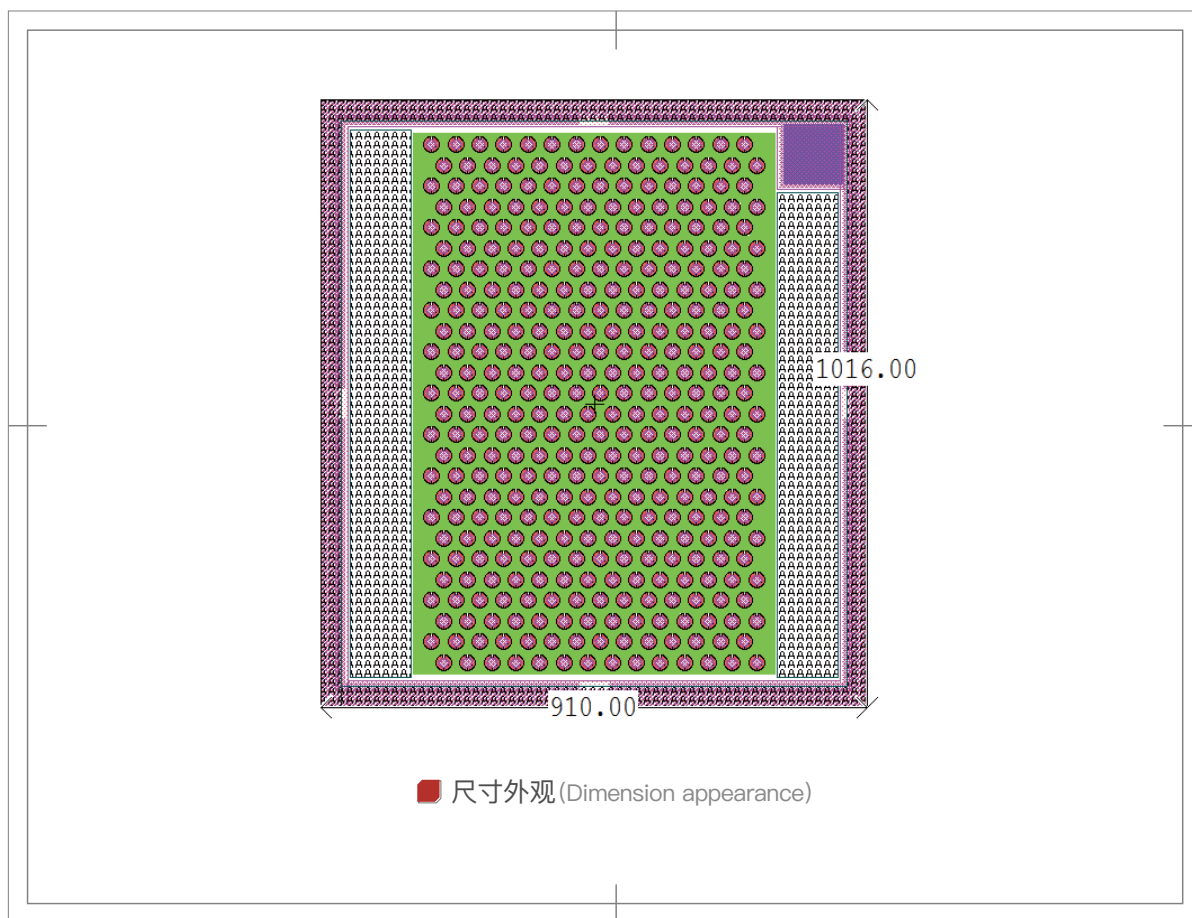


EB-VTOF-3-0940-06-001



	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	934	940	946
输出功率 (Output Power)	W	2.8	3	3.2
远场发散角 (Far Field Divergence Angle)	°	20	21	22
光谱宽度 (Spectral Width (FWHM))	nm	/	1.2	1.7
电学性能 /Electrical				
电光转换效率 (E-O Conversion Efficiency)	%	40	42	45
斜率效率 (Slope Efficiency)	W/A	0.8	1.02	1.1
阈值电流 (Threshold Current)	A	/	0.4	0.5
工作电流 (Operating Current)	A	/	3.5	3.7
工作电压 (Operating Voltage)	V	/	2.1	2.4
几何尺寸 /Geometric Size				
发光点数量 (Emitter Number)	#		364	
发光点排列方式 (Emitter Arrangement)	#		密排 / Dense	
阵列尺寸 (Array size)	μm ²		1000*900	
其他 /Others				
环保属性 (Environmental Attributes)			Rohs2.0	
测试温度 (Test Temperature)	°C		25	
备注 /Remarks				

- 1.Explanation of Item Number: EB (Everbright In Short) - VTOF (VcseI TOF In short)-3 (Output Power) - 0940 (Center Wavelength)- 06(Wavelength Tolerance)- 001(Structure number)
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产品特点 / Product Features



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High Reliability



高效率
High Efficiency



低发散角
Low Divergence Angle

应用领域 / Application Area



手势识别
Gesture Recognition



人脸识别
Face Recognition



激光加热
Laser Heating



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