

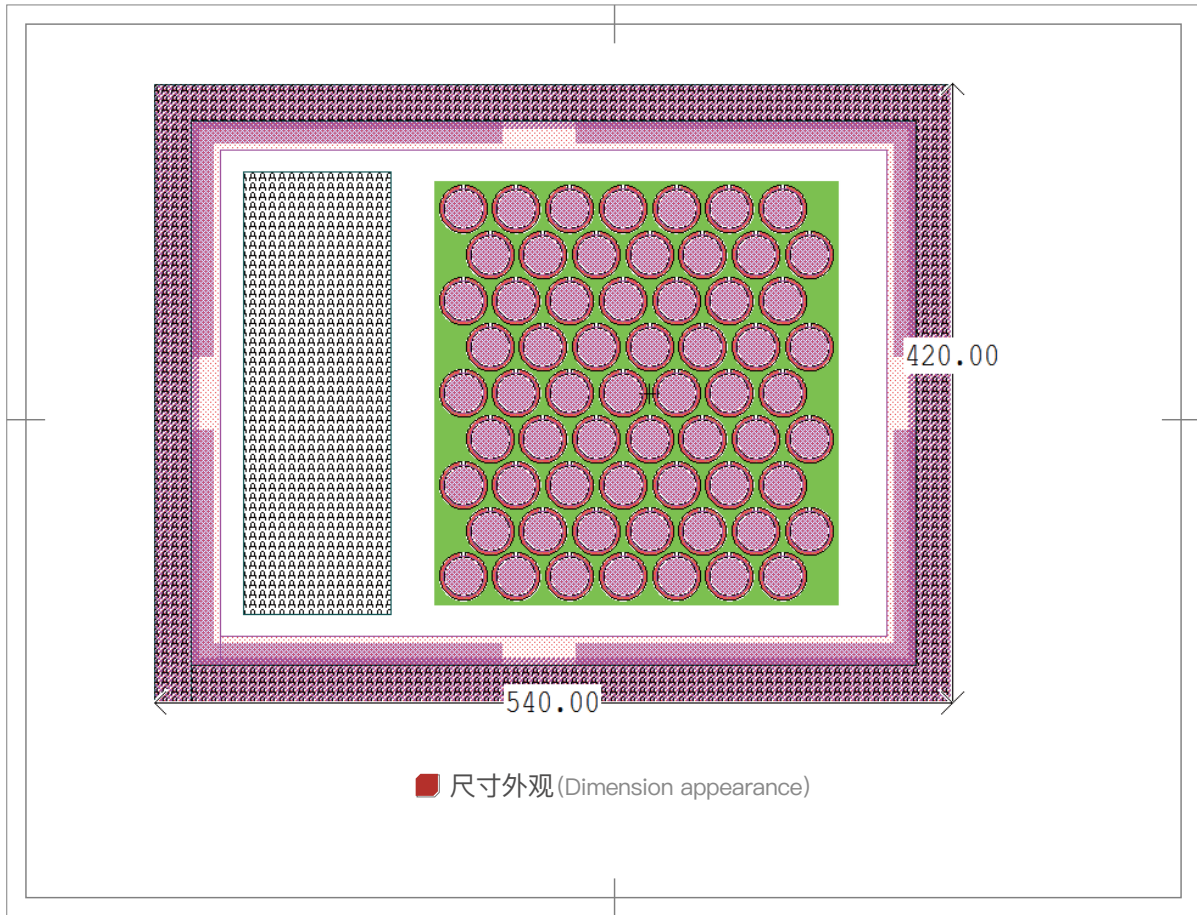
EB -VLR-75-0905-06-001



	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	899	905	911
输出功率 (Output Power)	W	/	75	80
远场发散角 (Far Field Divergence Angle)	°	/	18	20
光谱宽度 (Spectral Width (FWHM))	nm	/	1.6	2
电学性能 /Electrical				
电光转换效率 (E-O Conversion Efficiency)	%	18	20	23
斜率效率 (Slope Efficiency)	W/A	/	6	6.2
阈值电流 (Threshold Current)	A	/	0.2	0.3
工作电流 (Operating Current)	A	/	15	20
工作电压 (Operating Voltage)	V	/	25	28
几何尺寸 /Geometric Size				
发光点数量 (Emitter Number)	#		63	
发光点排列方式 (Emitter Arrangement)	#		密排 / Dense	
阵列尺寸 (Array size)	μm ²		540*420	
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) - VLR (Vcsel Lidar In short)-75 (Output Power) - 0905 (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.
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

应用领域 / Application Area

高可靠性
High Reliability

6结
6 junctions

激光雷达
Lidar

低发散角
Low Divergence Angle

高功率密度
High Power Density



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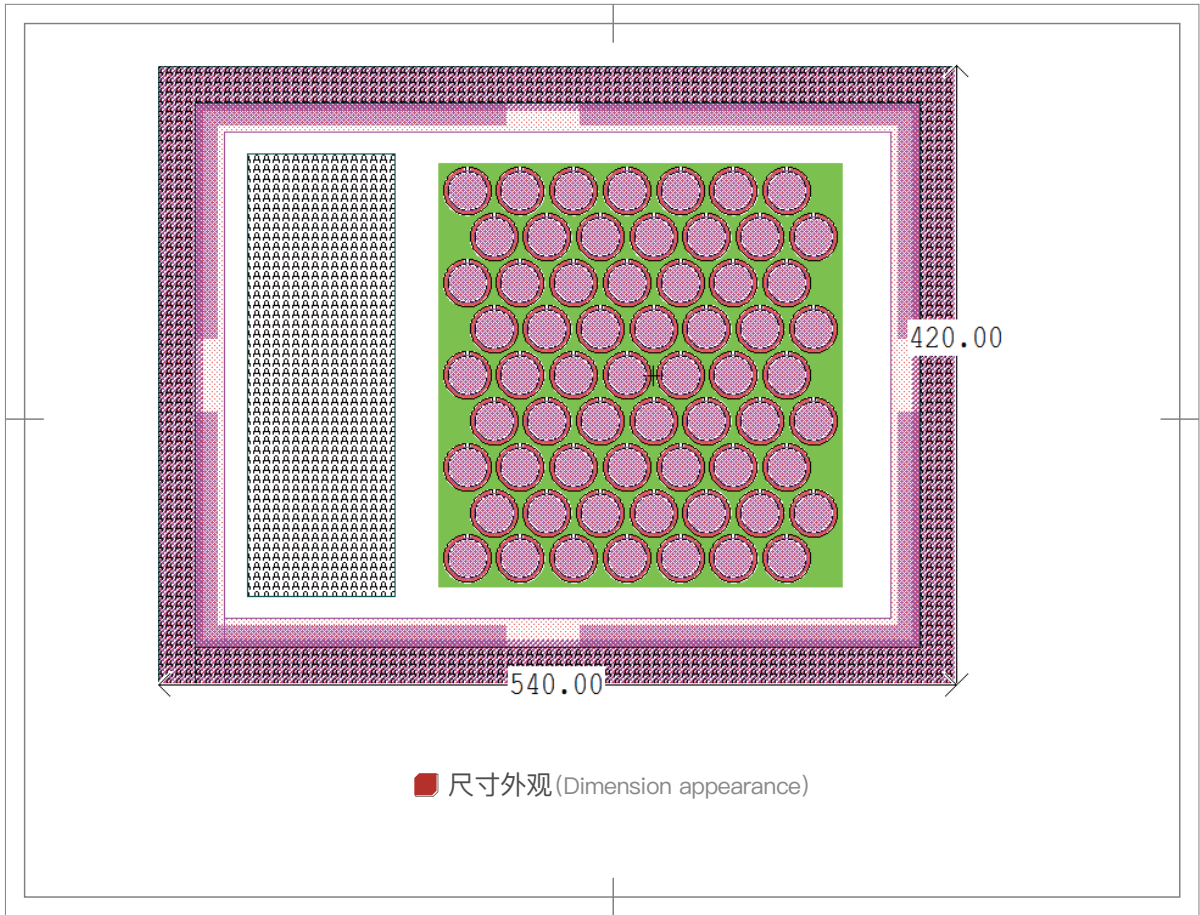
EB-VLR-75-0940-06-001



	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	/	75	80
远场发散角 (Far Field Divergence Angle)	°	/	18	20
光谱宽度 (Spectral Width (FWHM))	nm	/	1.6	2
电学性能 /Electrical				
电光转换效率 (E-O Conversion Efficiency)	%	18	20	23
斜率效率 (Slope Efficiency)	W/A	/	6	6.2
阈值电流 (Threshold Current)	A	/	0.2	0.3
工作电流 (Operating Current)	A	/	15	20
工作电压 (Operating Voltage)	V	/	25	25.3
几何尺寸 /Geometric Size				
发光点数量 (Emitter Number)	#		63	
发光点排列方式 (Emitter Arrangement)	#		密排 / Dense	
阵列尺寸 (Array size)	μm ²		540*420	
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) - VLR (Vcsel Lidar In short)-75 (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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Low Divergence Angle



高功率密度
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应用领域 / Application Area



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