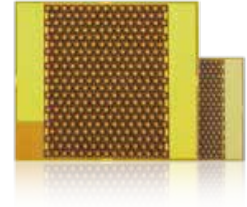


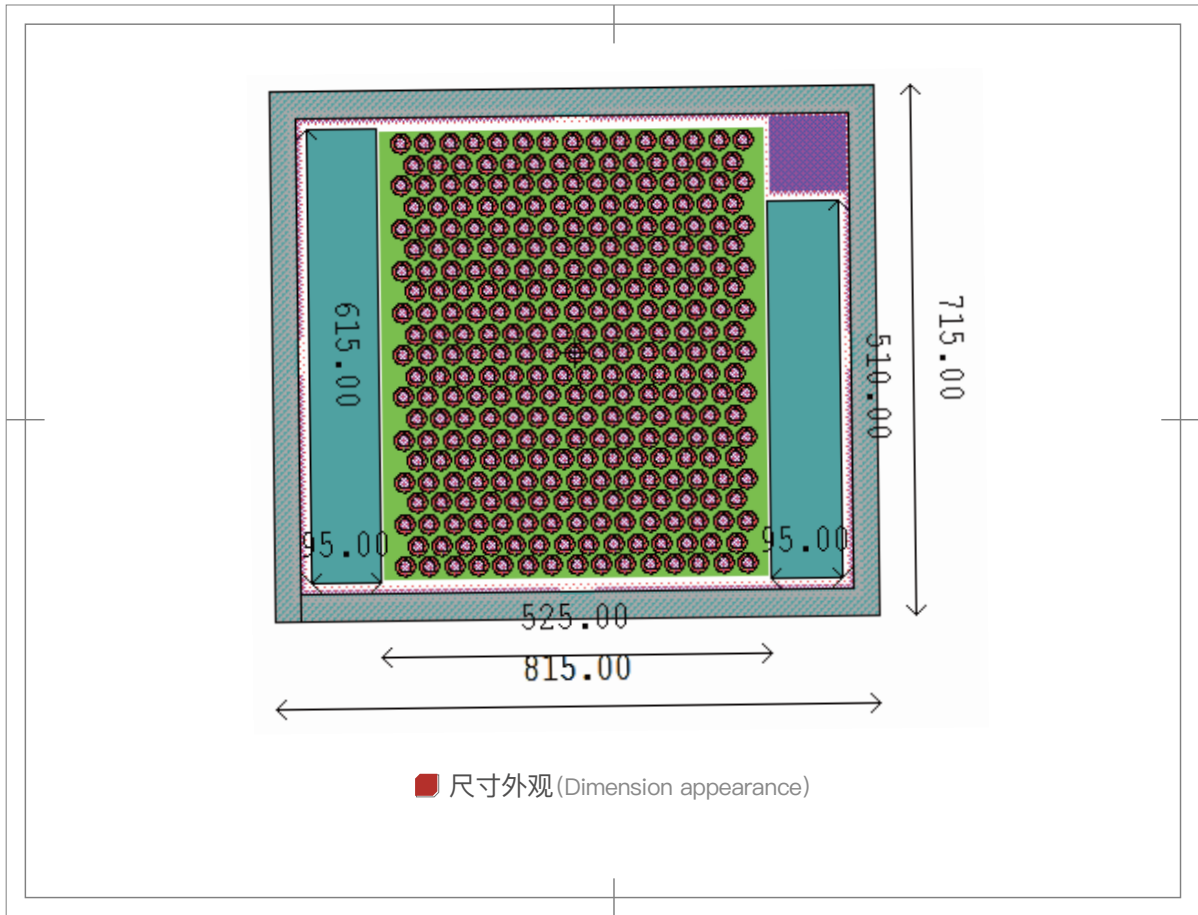
EB-VTOF-2-0940-06-001



	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

- 规格型号命名规则: EB (长光华芯缩写)-VTOFL (Vcsel TOF 缩写)-2 (输出功率)-0940 (中心波长)-06 (中心波长偏差)-001 (结构号)
- 以上测试温度为 25 度
- 超过正常功率范围使用会缩短使用寿命
- 客户可定制波长、功率、孔径、间距等



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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