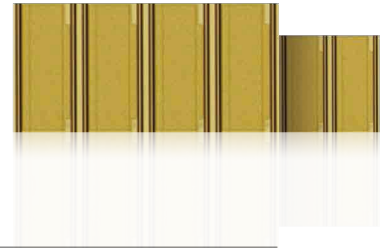


## 激光雷达与3D传感芯片—激光雷达EEL系列

### Lidar and 3D Sensing Laser Chip - Lidar EEL Series



#### 光学性能/Optical

中心波长/Center Wavelength	nm	905	905
中心波长偏差/Wavelength Tolerance	nm	±10	±10
输出功率/Output Power	W	500	1200
工作模式/Operation Mode	#	脉冲 Plus	脉冲 Plus
快轴发散角/Fast axis Divergence(FWHM)	Deg	24	
慢轴发散角/Slow axis Divergence(FWHM)	Deg	8	
光谱宽度/Spectral Width (FWHM)	nm	6	
波长温度系数/Wavelength Temperature Coefficient	nm/°C	0.3	

#### 电学性能/Electrical

斜率效率/Slope Efficiency	W/A	3.3	4.4
阈值电流/Threshold Current	A	3	6
工作电流/Operating Current	A	160	320
工作电压/Operating Voltage	V	11	15

#### 几何尺寸/Geometric Size

发光区宽度/Emitter Width	um	200	
腔长/Cavity Length	#	0.8	
宽度/Width	um	400	
发光点数量/Emitter Number	um	4	8
厚度/Thickness	um <sup>2</sup>	145	

#### 产品特点 / Product Features



高可靠性  
High Reliability



3结  
3 junctions



低发散角  
Low Divergence Angle

#### 应用领域 / Application Area



激光雷达  
Vehicle Lidar



机器人传感  
Robotic Sensing



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