

激光雷达与3D传感芯片—激光雷达VLR系列

Lidar and 3D Sensing Laser Chip - Lidar VLR Series



光学性能/Optical

中心波长/Center Wavelength	nm	905	940
中心波长偏差/Wavelength Tolerance	nm	±6	
输出功率/Output Power	W	75	
远场发散角/Far Field Divergence Angle	°	18	
光谱宽度/Spectral Width (FWHM)	nm	1.6	

电学性能/Electrical

电光转换效率/E-O Conversion Efficiency	%	20	
斜率效率/Slope Efficiency	W/A	6	
阈值电流/Threshold Current	A	0.2	
工作电流/Operating Current	A	15	
工作电压/Operating Voltage	V	25	

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	

产品特点 / Product Features



高可靠性
High Reliability



6结
6 junctions



低发散角
Low Divergence Angle

应用领域 / Application Area



激光雷达
Lidar



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