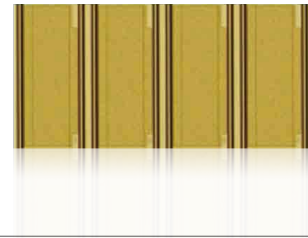


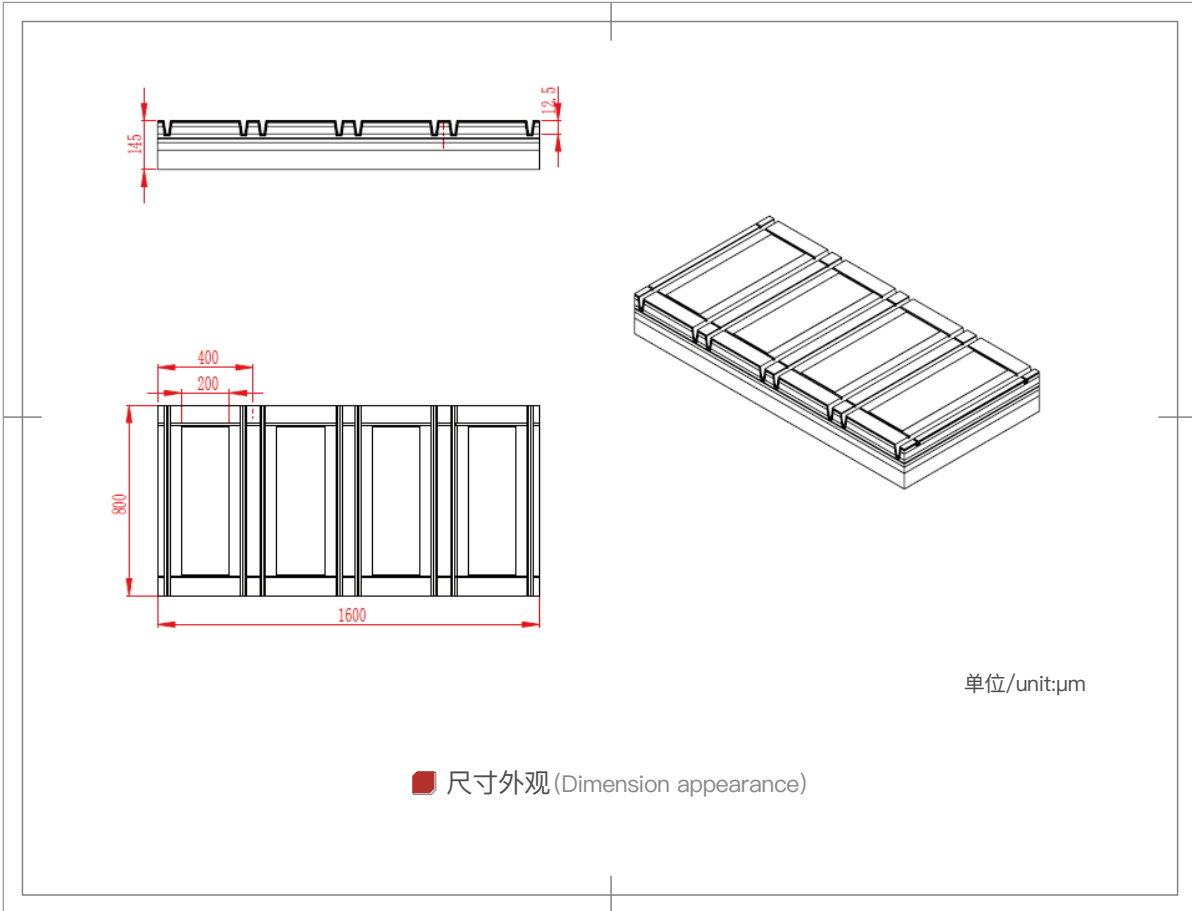
# EB-BC-500-0905-10-005



	单位 Unit	最小值 Min	典型值 Typ	最大值 Max
<b>光学性能 /Optical</b>				
中心波长 (Center Wavelength)	nm	895	905	915
中心波长偏差 (Wavelength Tolerance)			±10	
输出功率 (Output Power)	W		500	
工作模式 (Operation Mode)	#		脉冲 Pulse	
快轴发散角 (Fast axis Divergence(FWHM))	Deg		24	32
慢轴发散角 (Slow axis Divergence(FWHM))	Deg		8	10
光谱宽度 (Spectral Width (FWHM))	nm		6	
波长温度系数 (Wavelength Temperature Coefficient)	nm/°C		0.3	
<b>电学性能 /Electrical</b>				
斜率效率 (Slope Efficiency)	W/A		3.3	
阈值电流 (Threshold Current)	A		3	
工作电流 (Operating Current)	A		160	
工作电压 (Operating Voltage)	V		11	
<b>几何尺寸 /Geometric Size</b>				
发光区宽度 (Emitter Width)	μm		200	
腔长 (Cavity Length)	mm		0.8	
宽度 (Width)	μm		400	
发光点数量 (Emitter Number)			4	
厚度 (Thickness)	μm	135	145	155

### 备注 /Remarks

- 规格型号命名规则: EB (长光华芯缩写)-BC (Bare Chip 缩写)-500 (输出功率) - 0905 (中心波长)-10 (中心波长偏差)-005 (结构号)
- 以上测试温度为 25 度
- 避免在结露环境下存储和使用, 超过规定温度工作会影响寿命
- 超过正常功率范围使用会缩短使用寿命



产品特点 / Product Features



高可靠性  
High Reliability



3结4通道  
3 Junctions And 4 Channels



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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